Table 1.24 Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity Both Sexes

All Ra	ces		Whit	е		Black			
	$\mathtt{Rate}^\mathtt{b}$	APC ^c		Rate ^b	APC ^c		Rateb	APC ^c	
	2008-2012			2008-2012			2008-2012	2003-2012	
All Sites	454.8	-0.7*	All Sites	463.3	-0.7*	All Sites	478.0	-1.1*	
Breast	67.2	0.0	Breast	68.1	-0.1	Prostate ^f	91.2	-2.4*	
Prostate ^f	62.7	-2.4*	Lung and Bronchus	60.2	-1.8*	Breast	70.8	0.5	
Lung and Bronchus	58.7	-1.9*	Prostate ^f	60.0	-2.7*	Lung and Bronchus	67.0	-2.1*	
Colon and Rectum	42.4	-2.8*	Colon and Rectum	41.5	-2.9*	Colon and Rectum	52.3	-2.8*	
Melanoma of the Skin	21.6	1.2*	Melanoma of the Skin	25.6	1.2*	Kidney and Renal Pelvis	18.1	2.3*	
Urinary Bladder	20.3	-0.9*	Urinary Bladder	22.2	-0.9*	Pancreas	15.7	-0.3	
Non-Hodgkin Lymphoma	19.7	-0.3	Non-Hodgkin Lymphoma	20.6	-0.3	Non-Hodgkin Lymphoma	14.6	-0.4	
Kidney and Renal Pelvis	15.6	1.5*	Kidney and Renal Pelvis	16.1	1.5*	Corpus and Uterus, NOSf	13.6	2.6*	
Thyroid	13.5	5.4*	Thyroid	14.3	5.4*	Myeloma	12.8	0.7*	
Corpus and Uterus, NOSf	13.4	1.3*	Leukemia	14.0	0.2	Urinary Bladder	12.6	-0.6	
Leukemia	13.3	0.2	Corpus and Uterus, NOSf	13.6	1.1*	Stomach	10.9	-2.2*	
Pancreas	12.4	0.7*	Pancreas	12.3	0.9*	Leukemia	10.6	-0.3	
Oral Cavity and Pharynx	11.0	0.5*	Oral Cavity and Pharynx	11.5	0.9*	Liver & IBD ^g	9.8	3.2*	
Liver & IBD ^g	8.2	3.1*	Liver & IBD ^g	7.2	3.8*	Oral Cavity and Pharynx	9.3	-2.3*	
Stomach	7.4	-1.1*	Brain and ONS ^g	7.1	-0.5*	Thyroid	8.0	4.9*	
Asian/Pacific	: Islander		American Indian/A	Alaska Nati	.ve ^d	- Hispanic ^e			
	Rateb	APC°		Rateb	APC°		Rateb	APC°	
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012	
All Sites	306.8	-0.9*	All Sites	319.7	-1.3*	All Sites	349.9	-1.0*	
Breast	53.1	1.0*	Breast	44.1	-0.1	Prostate ^f	50.7	-3.6*	
Lung and Bronchus	37.1	-1.5*	Colon and Rectum	40.3	-1.6*	Breast	49.4	0.1	
Colon and Rectum	36.1	-2.2*	Lung and Bronchus	39.9	-3.9*	Colon and Rectum	35.8	-2.2*	
Prostate ^f	32.3	-4.6*	Prostate ^f	29.8	-4.7*	Lung and Bronchus	30.4	-2.4*	
Liver & IBD ^g	13.7	-1.3*	Kidney and Renal Pelvis	18.8	-0.3	Non-Hodgkin Lymphoma	17.8	0.0	
Non-Hodgkin Lymphoma	13.6	-0.1	Liver & IBD ^g	13.6	1.7	Kidney and Renal Pelvis	15.4	1.2*	
Thyroid	13.2	5.2*	Non-Hodgkin Lymphoma	12.6	0.2	Liver & IBDg	12.5	2.7*	
Stomach	11.2	-3.6*	Corpus and Uterus, NOSf	10.5	1.8	Thyroid	11.5	5.3*	
Corpus and Uterus, NOSf	10.9	2.6*	Pancreas	9.9	-2.1	Urinary Bladder	11.2	-1.4*	
Pancreas	9.9	1.0*	Stomach	9.5	-2.0	Pancreas	11.1	-0.1	
Urinary Bladder	9.0	-1.6*	Oral Cavity and Pharynx	8.8	2.5	Corpus and Uterus, NOSf	11.0	2.2*	
Kidney and Renal Pelvis	8.2	1.3	Urinary Bladder	8.5	-0.9	Stomach	10.9	-2.1*	
Leukemia	7.8	0.0	Thyroid	8.5	6.2*	Leukemia	10.5	0.1	
Oral Cavity and Pharynx		-0.7	Leukemia	8.4	1.3	Oral Cavity and Pharynx		1.1*	
Ovary ^{fh}	5.1	-1.2*	Ovary ^{fh}	5.5	-2.1	Ovary ^{fh}	5.9	-1.4*	

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

- а Top 15 cancer sites selected based on 2008-2012 age-adjusted rates for the race/ethnic group.
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. f
- The rates for sex-specific cancer sites are calculated using the population for both sexes combined.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
- The APC is significantly different from zero (p<.05).

Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.25 Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity Males

All Ra	ces		Whit	е		Blac	k	
	Rate ^b	APC°		Rate ^b	APC°		Rateb	APC ^c
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012
All Sites	516.6	-1.3*	All Sites	519.8	-1.3*	All Sites	590.1	-2.1*
Prostate	137.9	-2.9*	Prostate	130.4	-3.2*	Prostate	214.5	-2.9*
Lung and Bronchus	70.1	-2.6*	Lung and Bronchus	70.3	-2.5*	Lung and Bronchus	90.9	-2.9*
Colon and Rectum	48.9	-3.1*	Colon and Rectum	47.8	-3.3*	Colon and Rectum	61.2	-3.0*
Urinary Bladder	35.8	-1.0*	Urinary Bladder	39.0	-1.0*	Kidney and Renal Pelvis	25.1	1.7*
Melanoma of the Skin	28.2	1.5*	Melanoma of the Skin	33.0	1.4*	Urinary Bladder	21.4	-0.3
Non-Hodgkin Lymphoma	23.9	-0.2	Non-Hodgkin Lymphoma	24.9	-0.2	Non-Hodgkin Lymphoma	17.8	-0.8
Kidney and Renal Pelvis	21.3	1.5*	Kidney and Renal Pelvis	21.9	1.5*	Pancreas	17.2	-0.3
Leukemia	17.0	0.0	Leukemia	17.9	0.0	Liver & IBD ^f	16.2	3.4*
Oral Cavity and Pharynx	16.5	0.5*	Oral Cavity and Pharynx	17.1	0.9*	Myeloma	15.1	0.1
Pancreas	14.0	0.8*	Pancreas	14.0	0.9*	Oral Cavity and Pharynx	14.6	-2.4*
Liver & IBD ^f	12.7	3.2*	Liver & IBD ^f	11.2	3.8*	Stomach	14.6	-3.5*
Stomach	10.1	-1.4*	Stomach	9.2	-0.9*	Leukemia	13.5	-0.6
Myeloma	7.9	1.3*	Brain and ONS ^f	8.4	-0.4	Larynx	8.8	-3.3*
Brain and ONS ^f	7.7	-0.4	Esophagus	8.0	-0.3	Esophagus	7.6	-5.0*
Esophagus	7.6	-1.0*	Myeloma	7.5	1.4*	Brain and ONS ^f	4.9	0.2
Asian/Pacific	: Islander		American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APCc		Rateb	APCc		Rateb	APC°
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012
All Sites	325.4	-2.1*	All Sites	340.8	-1.8*	All Sites	395.0	-1.9*
Prostate	74.0	-4.8*	Prostate	67.1	-5.0*	Prostate	114.7	-4.0*
Lung and Bronchus	49.0	-2.3*	Lung and Bronchus	47.6	-3.7*	Colon and Rectum	43.3	-2.4*
Colon and Rectum	42.2	-2.2*	Colon and Rectum	46.3	0.0	Lung and Bronchus	37.9	-3.3*
Liver & IBD ^f	20.9	-1.2	Kidney and Renal Pelvis		1.0	Non-Hodgkin Lymphoma	20.6	0.3
Non-Hodgkin Lymphoma	16.6	0.1	Liver & IBD ^f	19.9	1.3	Kidney and Renal Pelvis		0.6
Urinary Bladder	15.8	-1.6*	Urinary Bladder	15.6	-1.0	Urinary Bladder	19.6	-1.5*
Stomach	14.5	-3.9*	Non-Hodgkin Lymphoma	14.6	1.1	Liver & IBD ^f	19.1	2.8*
Kidney and Renal Pelvis	11.6	1.6	Oral Cavity and Pharynx	13.2	4.5	Stomach	14.2	-2.4*
Oral Cavity and Pharynx		-0.1	Stomach	12.3	-4.1	Leukemia	12.6	-0.3
Pancreas	10.8	0.4	Pancreas	11.1	-	Pancreas	11.9	0.1
Leukemia	9.8	0.3	Leukemia	10.1	2.8	Oral Cavity and Pharynx		1.1
Thyroid	6.2	6.4*	Esophagus	4.9	-	Myeloma	7.3	0.7
Myeloma	4.6	0.9	Testis	4.8	_	Brain and ONS ^f	5.8	-2.0*
Brain and ONSf	4.3	0.3	Myeloma	4.6	_	Esophagus	5.2	-1.2
Esophagus	3.6	-2.8	Larynx	4.3	-	Testis	4.9	2.8*

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

- Top 15 cancer sites selected based on 2008-2012 age-adjusted rates for the race/ethnic group.
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.26

Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity

Females

White

Black

	CCD		WILL			Diac		
	Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012
All Sites	411.2	-0.1	All Sites	423.9	-0.1	All Sites	401.2	-0.2
Breast	124.8	0.1	Breast	127.9	0.0	Breast	124.4	0.7*
Lung and Bronchus	50.2	-1.2*	Lung and Bronchus	52.7	-1.2*	Lung and Bronchus	50.8	-1.3*
Colon and Rectum	37.1	-2.6*	Colon and Rectum	36.3	-2.6*	Colon and Rectum	46.0	-2.8*
Corpus and Uterus, NOS	25.1	1.6*	Corpus and Uterus, NOS	25.8	1.4*	Corpus and Uterus, NOS	24.0	2.9*
Thyroid	20.0	5.5*	Thyroid	21.3	5.5*	Pancreas	14.4	-0.3
Melanoma of the Skin	16.8	0.7	Melanoma of the Skin	20.2	0.8	Kidney and Renal Pelvis	12.8	2.8*
Non-Hodgkin Lymphoma	16.3	-0.5*	Non-Hodgkin Lymphoma	17.1	-0.5*	Non-Hodgkin Lymphoma	12.1	-0.1
Ovary ^g	12.1	-1.6*	Ovary ^g	12.8	-1.6*	Thyroid	11.8	5.3*
Pancreas	11.0	0.6*	Kidney and Renal Pelvis	11.1	1.3*	Myeloma	11.2	1.1
Kidney and Renal Pelvis	10.8	1.3*	Leukemia	10.9	0.3	Ovary ^g	9.8	-1.4*
Leukemia	10.4	0.3	Pancreas	10.8	0.7*	Cervix Uteri	9.2	-3.1*
Urinary Bladder	8.7	-1.3*	Urinary Bladder	9.4	-1.2*	Leukemia	8.5	0.1
Cervix Uteri	7.7	-1.5*	Cervix Uteri	7.7	-1.0*	Stomach	8.4	-0.9
Oral Cavity and Pharynx		0.2	Oral Cavity and Pharynx		0.6*	Urinary Bladder	6.9	-1.5
Brain and ONS ^f	5.4	-0.8*	Brain and ONS ^f	5.9	-0.7*	Oral Cavity and Pharynx	5.2	-2.3*
Asian/Pacific	c Islander		American Indian/	Alaska Nat:	ive ^d	Hispan	ic ^e	
Asian/Pacific		APC°	American Indian/		ive ^d APC ^c	Hispan	ic ^e Rate ^b	APC ^c
Asian/Pacific	Rate ^b	APC° 2003-2012	American Indian/	Alaska Nat: Rate ^b 2008-2012		Hispan		APC ^c 2003-2012
Asian/Pacific	Rateb		American Indian/	Rateb	APC°	Hispan All Sites	Rateb	
	Rate ^b 2008-2012	2003-2012		Rate ^b 2008-2012	APC° 2003-2012		Rate ^b 2008-2012	2003-2012
All Sites	Rate ^b 2008-2012 297.5 96.3 31.3	2003-2012 0.1 0.9* -2.2*	All Sites	Rate ^b 2008-2012 308.8 82.0 35.7	APC° 2003-2012 -0.8 0.0 -3.1*	All Sites	Rate ^b 2008-2012 322.2 92.1 30.0	2003-2012 -0.2 0.2 -2.0*
All Sites Breast	Rate ^b 2008-2012 297.5 96.3	2003-2012 0.1 0.9* -2.2* -0.3	All Sites Breast	Rate ^b 2008-2012 308.8 82.0	APC° 2003-2012 -0.8 0.0	All Sites Breast	Rate ^b 2008-2012 322.2 92.1	2003-2012 -0.2 0.2 -2.0* -1.3*
All Sites Breast Colon and Rectum	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9	2003-2012 0.1 0.9* -2.2* -0.3 2.6*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8	APC° 2003-2012 -0.8 0.0 -3.1* -4.1* 2.1	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7	- 2003-2012 -0.2 0.2 -2.0* -1.3* 2.4*
All Sites Breast Colon and Rectum Lung and Bronchus	Rate ^b 2008-2012 297.5 96.3 31.3 28.5	2003-2012 0.1 0.9* -2.2* -0.3 2.6* 4.9*	All Sites Breast Colon and Rectum Lung and Bronchus	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9	APC° 2003-2012 -0.8 0.0 -3.1* -4.1* 2.1 -1.9	All Sites Breast Colon and Rectum Lung and Bronchus	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1	- 2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9 19.3 11.3	2003-2012 0.1 0.9* -2.2* -0.3 2.6* 4.9* -0.4	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9 12.9	APC° 2003-2012 -0.8 0.0 -3.1* -4.1* 2.1 -1.9 6.9*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1 15.5	2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5* -0.3
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9 19.3 11.3 9.4	2003-2012 0.1 0.9* -2.2* -0.3 2.6* 4.9* -0.4 -1.2*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9 12.9 11.1	APC° 2003-2012 -0.8 0.0 -3.1* -4.1* 2.1 -1.9 6.9* -1.2	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Kidney and Renal Pelvis	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1 15.5 11.6	2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5* -0.3 2.0*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9 19.3 11.3 9.4 9.3	2003-2012 0.1 0.9* -2.2* -0.3 2.6* 4.9* -0.4 -1.2* 1.5*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9 12.9 11.1 10.0	APC° - 2003-2012 -0.8 0.0 -3.1* -4.1* 2.1 -1.9 6.9* -1.2 -2.1	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1 15.5 11.6 11.0	- 2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5* -0.3 2.0* -1.1
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary ⁹ Pancreas Stomach	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9 19.3 11.3 9.4 9.3 8.8	2003-2012 0.1 0.9* -2.2* -0.3 2.6* 4.9* -0.4 -1.2* 1.5* -3.3*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary ^g Pancreas	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9 12.9 11.1 10.0 8.9	APC° - 2003-2012 -0.8 0.0 -3.1* -4.1* 2.1 -1.9 6.9* -1.2 -2.1 -2.6	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Kidney and Renal Pelvis	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1 15.5 11.6 11.0 10.3	- 2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5* -0.3 2.0* -1.1 -0.2
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary ⁹ Pancreas Stomach Liver & IBD ^f	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9 19.3 11.3 9.4 9.3 8.8 7.9	2003-2012 0.1 0.9* -2.2* -0.3 2.6* 4.9* -0.4 -1.2* 1.5* -3.3* -1.4	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary ⁹ Pancreas Liver & IBD ^f	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9 12.9 11.1 10.0 8.9 8.4	APC° 2003-2012 -0.8 0.0 -3.1* -4.1* 2.1 -1.9 6.9* -1.2 -2.6 2.2	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Kidney and Renal Pelvis Ovary ⁹ Pancreas Cervix Uteri	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1 15.5 11.6 11.0 10.3 9.9	- 2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5* -0.3 2.0* -1.1 -0.2 -4.4*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary Pancreas Stomach Liver & IBD ^f Leukemia	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9 19.3 11.3 9.4 9.3 8.8 7.9 6.3	0.1 0.9* -2.2* -0.3 2.6* 4.9* -0.4 -1.2* 1.5* -3.3* -1.4 -0.4	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary ³ Pancreas Liver & IBD ^f Stomach	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9 12.9 11.1 10.0 8.9 8.4 7.5	APC°	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Kidney and Renal Pelvis Ovary ⁹ Pancreas Cervix Uteri Leukemia	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1 15.5 11.6 11.0 10.3 9.9 8.9	2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5* -0.3 2.0* -1.1 -0.2 -4.4* 0.4
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary ⁹ Pancreas Stomach Liver & IBD ^f Leukemia Cervix Uteri	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9 19.3 11.3 9.4 9.3 8.8 7.9 6.3 6.3	0.1 0.9* -2.2* -0.3 2.6* 4.9* -0.4 -1.2* 1.5* -3.3* -1.4 -0.4 -3.2*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary ⁹ Pancreas Liver & IBD ^f Stomach Cervix Uteri	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9 12.9 11.1 10.0 8.9 8.4 7.5 7.5	APC° 2003-2012 -0.8 0.0 -3.1* -4.1* 2.1 -1.9 6.9* -1.2 -2.1 -2.6 2.2 1.5 -1.2	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Kidney and Renal Pelvis Ovary ⁹ Pancreas Cervix Uteri Leukemia Stomach	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1 15.5 11.6 11.0 10.3 9.9 8.9 8.4	- 2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5* -0.3 2.0* -1.1 -0.2 -4.4* 0.4 -1.8*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary ⁹ Pancreas Stomach Liver & IBD ^f Leukemia Cervix Uteri Kidney and Renal Pelvis	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9 19.3 11.3 9.4 9.3 8.8 7.9 6.3 6.3 6.3 5.5	0.1 0.9* -2.2* -0.3 2.6* 4.9* -0.4 -1.2* 1.5* -3.3* -1.4 -0.4 -3.2* 0.8	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary ⁹ Pancreas Liver & IBD ^f Stomach Cervix Uteri Leukemia	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9 12.9 11.1 10.0 8.9 8.4 7.5 7.5 7.2	APC°	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Kidney and Renal Pelvis Ovary ³ Pancreas Cervix Uteri Leukemia Stomach Liver & IBD ^f	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1 15.5 11.6 11.0 10.3 9.9 8.9 8.4 7.0	- 2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5* -0.3 2.0* -1.1 -0.2 -4.4* 0.4 -1.8* 2.4*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary ⁹ Pancreas Stomach Liver & IBD ^f Leukemia Cervix Uteri	Rate ^b 2008-2012 297.5 96.3 31.3 28.5 19.9 19.3 11.3 9.4 9.3 8.8 7.9 6.3 6.3 6.3 5.5	0.1 0.9* -2.2* -0.3 2.6* 4.9* -0.4 -1.2* 1.5* -3.3* -1.4 -0.4 -3.2*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary ⁹ Pancreas Liver & IBD ^f Stomach Cervix Uteri	Rate ^b 2008-2012 308.8 82.0 35.7 34.5 19.8 13.9 12.9 11.1 10.0 8.9 8.4 7.5 7.5 7.2	APC° 2003-2012 -0.8 0.0 -3.1* -4.1* 2.1 -1.9 6.9* -1.2 -2.1 -2.6 2.2 1.5 -1.2	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Kidney and Renal Pelvis Ovary ⁹ Pancreas Cervix Uteri Leukemia Stomach	Rate ^b 2008-2012 322.2 92.1 30.0 25.1 20.7 18.1 15.5 11.6 11.0 10.3 9.9 8.9 8.4	- 2003-2012 -0.2 0.2 -2.0* -1.3* 2.4* 5.5* -0.3 2.0* -1.1 -0.2 -4.4* 0.4 -1.8*

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

- ^a Top 15 cancer sites selected based on 2008-2012 age-adjusted rates for the race/ethnic group.
- Parallel Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
- * The APC is significantly different from zero (p<.05).

All Races

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

 ${\it Table 1.27} \\ {\it Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sitesa by Race/Ethnicity } \\ {\it Both Sexes}$

All Ra	ces		Whit	ce		Blac	k	
	Rate ^b 2008-2012			Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	
All Sites	171.2	-1.5*	All Sites	170.9	-1.4*	All Sites	202.0	-2.1*
Lung and Bronchus	47.2	-2.1*	Lung and Bronchus	47.9	-2.0*	Lung and Bronchus	50.6	-2.6*
Colon and Rectum	15.5	-2.7*	Colon and Rectum	15.0	-2.7*	Colon and Rectum	21.4	-3.0*
Breast	12.2	-2.1*	Breast	11.8	-2.1*	Breast	17.8	-1.5*
Pancreas	10.9	0.3*	Pancreas	10.8	0.5*	Prostate ^f	16.6	-3.4*
Prostate ^f	8.5	-2.6*	Prostate ^f	7.9	-2.5*	Pancreas	13.5	-0.4*
Leukemia	7.0	-0.9*	Leukemia	7.2	-0.8*	Liver & IBD ^g	7.9	2.5*
Non-Hodgkin Lymphoma	6.2	-2.4*	Non-Hodgkin Lymphoma	6.4	-2.4*	Stomach	6.3	-3.0*
Liver & IBD ^g	6.0	2.6*	Liver & IBD ^g	5.5	2.8*	Myeloma	6.2	-1.4*
Urinary Bladder	4.4	0.1	Brain and ONS ^g	4.7	0.1	Leukemia	6.0	-1.4*
Brain and ONS ^g	4.3	0.0	Urinary Bladder	4.6	0.3*	Corpus and Uterus, NOSf	4.5	1.4*
Ovary ^f	4.3	-2.3*	Ovary ^f Ovary	4.4	-2.3*	Non-Hodgkin Lymphoma	4.4	-1.7*
Esophagus	4.2	-0.8*	Esophagus	4.3	-0.2	Esophagus	4.0	-4.5*
Kidney and Renal Pelvis	3.9	-0.9*	Kidney and Renal Pelvis	4.0	-0.8*	Ovary ^f	3.9	-1.7*
Stomach	3.4	-2.7*	Melanoma of the Skin	3.1	0.2	Kidney and Renal Pelvis	3.8	-1.2*
Myeloma	3.3	-1.1*	Myeloma	3.1	-1.0*	Urinary Bladder	3.5	-0.9
Asian/Pacific	c Islander		American Indian/Alaska Native ^d			Hispanic ^e		
	Rateb	APC°		Rateb	APC°		Rateb	APC ^c
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012
All Sites	106.6	-1.1*	All Sites	156.1	-1.1*	All Sites	119.3	-1.2*
Lung and Bronchus	24.8	-1.4*	Lung and Bronchus	39.4	-1.1	Lung and Bronchus	20.4	-2.4*
Colon and Rectum	11.0	-1.2*	Colon and Rectum	17.1	-0.3	Colon and Rectum	12.2	-1.7*
Liver & IBD ^g	9.8	-0.9	Liver & IBD ^g	9.8	2.1	Liver & IBD ^g	8.9	1.6*
Pancreas	7.8	0.5	Pancreas	8.5	-0.3	Pancreas	8.7	0.1
Breast	6.4	-1.3*	Breast	8.4	-3.8*	Breast	8.1	-1.5*
Stomach	6.0	-3.8*	Prostate ^f	8.1	-2.1	Prostate ^f	7.1	-2.5*
Non-Hodgkin Lymphoma	4.1	-2.0*	Kidney and Renal Pelvis	6.6	0.6	Stomach	5.5	-2.8*
Leukemia	4.0	1.2*	Stomach	5.2	-3.1*	Non-Hodgkin Lymphoma	5.2	-1.1*
Prostatef	3.7	-3.5*	Non-Hodgkin Lymphoma	4.6	-2.6*	Leukemia	4.9	-0.5
Ovary ^f	2.6	-1.4*	Leukemia	4.6	-1.8	Kidney and Renal Pelvis	3.5	-1.0
Brain and ONS ^g	2.0	0.3	Ovary ^f	3.8	-1.1	Ovary ^f	3.1	-1.6*
Oral Cavity and Pharynx	1.9	-1.4	Esophagus	3.4	-2.7*	Brain and ONS ^g	2.8	0.2
Kidney and Renal Pelvis		0.9	Myeloma	2.7	-6.5*	Myeloma	2.8	-0.5
Urinary Bladder	1.7	0.2	Brain and ONS ^g	2.5	1.5	Urinary Bladder	2.3	-1.0*
Myeloma	1.7	1.0	Urinary Bladder	2.3	1.8	Esophagus	2.3	-0.4

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- a Top 15 cancer sites selected based on 2008-2012 age-adjusted rates for the race/ethnic group.
- Pates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- The rates for sex-specific cancer sites are calculated using the population for both sexes combined.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- * The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

All Races

Table 1.28 Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity Males

White

Black

	Rate ^b 2008-2012	APC° 2003-2012		Rate ^b 2008-2012	APC° 2003-2012		Rate ^b 2008-2012	APC° 2003-2012
All Sites	2008-2012	-1.7*	All Sites	2008-2012	-1.6*	All Sites	261.5	-2.6*
Lung and Bronchus	59.8	-2.8*	Lung and Bronchus	59.7	-2.7*	Lung and Bronchus	73.1	-3.4*
Prostate	21.4	-3.4*	Prostate	19.8	-3.3*	Prostate	46.3	-3.9*
Colon and Rectum	18.6	-2.8*	Colon and Rectum	18.0	-2.9*	Colon and Rectum	26.9	-2.6*
Pancreas	12.6	0.3*	Pancreas	12.5	0.5*	Pancreas	15.0	-0.5
Leukemia	9.4	-0.9*	Leukemia	9.7	-0.8*	Liver & IBDf	12.5	2.7*
Liver & IBD ^f	8.8	2.8*	Non-Hodgkin Lymphoma	8.2	-2.1*	Stomach	9.2	-3.3*
Non-Hodgkin Lymphoma	7.9	-2.1*	Liver & IBDf	8.1	3.0*	Leukemia	7.9	-1.6*
Urinary Bladder	7.7	0.0	Urinary Bladder	8.1	0.1	Myeloma	7.6	-1.4*
Esophagus	7.5	-0.8*	Esophagus	7.7	-0.2	Esophagus	7.0	-4.5*
Kidney and Renal Pelvis		-0.7*	Kidney and Renal Pelvis		-0.6*	Non-Hodgkin Lymphoma	5.7	-1.0
Brain and ONSf	5.3	0.1	Brain and ONSf	5.7	0.2	Kidney and Renal Pelvis		-1.3*
Stomach	4.6	-3.1*	Melanoma of the Skin	4.6	0.4	Urinary Bladder	5.3	-0.7
Myeloma	4.2	-0.9*	Myeloma	4.0	-0.9*	Oral Cavity and Pharynx		-3.8*
Melanoma of the Skin	4.1	0.2	Stomach	4.0	-3.2*	Larynx	3.6	-4.2*
Oral Cavity and Pharynx	3.8	-0.5	Oral Cavity and Pharynx	3.7	0.0	Brain and ONSf	3.1	0.0
Asian/Pacifi	c Islander		American Indian/	Alaska Nat	ive ^d	Hispan	ic ^e	
	Rate ^b	APC°		Rate ^b	APC°		Rate ^b	APC ^c
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	
All Sites	128.4	-1.5*	All Sites	186.7	-1.1	All Sites	148.0	-1.5*
Lung and Bronchus	34.0	-2.0*	Lung and Bronchus	49.1	-0.9	Lung and Bronchus	29.5	-3.1*
Liver & IBD ^f	14.5	-0.6	Prostate	20.2	-2.8*	Prostate	17.8	-3.0*
Colon and Rectum	13.0	-1.1*	Colon and Rectum	18.8	-2.5	Colon and Rectum	15.6	-1.5*
Prostate	9.4	-3.5*	Liver & IBD ^f	13.9	4.2*	Liver & IBD ^f	12.9	1.7*
Pancreas	8.4	0.0	Pancreas	9.3	-1.6	Pancreas	9.8	0.2
Stomach	7.9	-4.3*	Kidney and Renal Pelvis		-0.9	Stomach	7.2	-3.1*
Leukemia	5.1	0.7	Stomach	7.4	-3.2	Non-Hodgkin Lymphoma	6.3	-1.1*
Non-Hodgkin Lymphoma	5.0	-2.2*	Leukemia	6.7	1.6	Leukemia	6.1	-0.7
Urinary Bladder	3.0	1.1	Non-Hodgkin Lymphoma	5.7	0.5	Kidney and Renal Pelvis		-1.4
Oral Cavity and Pharynx		-1.5	Esophagus	5.6	-4.9*	Esophagus	4.3	0.1
Kidney and Renal Pelvis		1.5	Urinary Bladder	4.2	3.4	Urinary Bladder	3.9	-1.2
Esophagus	2.8	-2.4	Oral Cavity and Pharynx		0.5	Myeloma	3.5	0.2
Brain and ONS ^f	2.4	0.2	Myeloma	3.2	-6.8*	Brain and ONS ^f	3.4	0.3
Myeloma	2.2	1.6	Brain and ONS ^f	3.2	1.6	Oral Cavity and Pharynx		-1.4*
Soft Tissue including H	leart 1.0	2.2	Larynx	1.7	-	Larynx	1.7	-2.9*

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- Top 15 cancer sites selected based on 2008-2012 age-adjusted rates for the race/ethnic group. h
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

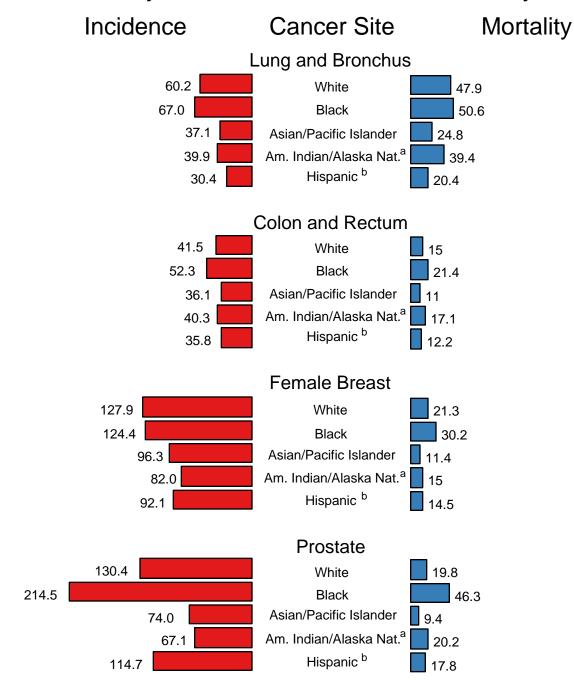
Table 1.29
Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity
Females

All Rac	ces		Whit	е		Black		
	Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC° 2003-2012		Rate ^b 2008-2012	APC° 2003-2012
All Sites	145.4	-1.4*	All Sites	145.6	-1.3*	All Sites	166.3	-1.6*
Lung and Bronchus	37.8	-1.4*	Lung and Bronchus	39.1	-1.3*	Lung and Bronchus	35.8	-1.8*
Breast	21.9	-1.9*	Breast	21.3	-1.9*	Breast	30.2	-1.4*
Colon and Rectum	13.1	-2.8*	Colon and Rectum	12.7	-2.8*	Colon and Rectum	17.8	-3.4*
Pancreas	9.6	0.3*	Pancreas	9.4	0.4*	Pancreas	12.3	-0.2
Ovary	7.7	-2.1*	Ovary	8.0	-2.1*	Corpus and Uterus, NOS	7.7	1.6*
Leukemia	5.2	-1.0*	Leukemia	5.4	-0.9*	Ovary	6.7	-1.6*
Non-Hodgkin Lymphoma	4.8	-2.8*	Non-Hodgkin Lymphoma	5.0	-2.8*	Myeloma	5.3	-1.5*
Corpus and Uterus, NOS	4.4	1.1*	Corpus and Uterus, NOS	4.1	0.9*	Leukemia	4.7	-1.3*
Liver & IBD ^f	3.5	2.0*	Brain and ONS ^f	3.8	-0.2	Stomach	4.4	-2.8*
Brain and ONS ^f	3.5	-0.2	Liver & IBD ^f	3.3	2.2*	Liver & IBD ^f	4.3	1.6*
Myeloma	2.7	-1.4*	Kidney and Renal Pelvis	2.6	-1.4*	Cervix Uteri	4.0	-2.2*
Kidney and Renal Pelvis	2.5	-1.4*	Myeloma	2.4	-1.4*	Non-Hodgkin Lymphoma	3.5	-2.3*
Stomach	2.4	-2.6*	Urinary Bladder	2.2	-0.3	Kidney and Renal Pelvis	2.5	-1.1
Cervix Uteri	2.3	-0.9*	Cervix Uteri	2.1	-0.6*	Urinary Bladder	2.5	-1.5*
Urinary Bladder	2.2	-0.5*	Stomach	2.1	-2.7*	Brain and ONS ^f	2.1	0.4
- ' '- '5'			American Indian/Alaska Native ^d			Hispanic ^e		
Asian/Pacific	: Islander		American Indian/	<u> Alaska Nat:</u>	iveª	Hispan	iic ^e	
Asian/Pacific	<u>Islander</u> Rate ^b	APC ^c	American Indian/		ive ^a APC ^c	Hispan	iic ^e Rate ^b	APC°
Asian/Pacific	Rateb	APC ^c 2003-2012	American Indian/	Rateb	APC° 2003-2012	Hispan		2003-2012
Asian/Pacific	Rateb		American Indian/	Rateb	APC°	Hispan	Rateb	
	Rate ^b 2008-2012	2003-2012		Rate ^b 2008-2012	APC° 2003-2012		Rate ^b 2008-2012	2003-2012
All Sites	Rate ^b 2008-2012 91.2	2003-2012	All Sites	Rate ^b 2008-2012 133.9	APC° 2003-2012 -1.3*	All Sites	Rate ^b 2008-2012 99.4	<u>2003-2012</u> -1.0*
All Sites Lung and Bronchus	Rate ^b 2008-2012 91.2 18.2	2003-2012 -0.8* -0.5*	All Sites Lung and Bronchus	Rate ^b 2008-2012 133.9 32.1	APC° -1.3* -1.3*	All Sites Breast	Rate ^b 2008-2012 99.4 14.5	2003-2012 -1.0* -1.3*
All Sites Lung and Bronchus Breast	Rate ^b 2008-2012 91.2 18.2 11.4	2003-2012 -0.8* -0.5* -1.4*	All Sites Lung and Bronchus Colon and Rectum	Rate ^b 2008-2012 133.9 32.1 15.6	APC° - 2003-2012 -1.3* -1.3* 1.4	All Sites Breast Lung and Bronchus	Rate ^b 2008-2012 99.4 14.5 13.7	2003-2012 -1.0* -1.3* -1.4*
All Sites Lung and Bronchus Breast Colon and Rectum	Rate ^b 2008-2012 91.2 18.2 11.4 9.4	2003-2012 -0.8* -0.5* -1.4* -1.3*	All Sites Lung and Bronchus Colon and Rectum Breast	Rate ^b 2008-2012 133.9 32.1 15.6 15.0	APC ^c 2003-2012 -1.3* -1.3* 1.4 -3.4*	All Sites Breast Lung and Bronchus Colon and Rectum	Rate ^b 2008-2012 99.4 14.5 13.7 9.6	2003-2012 -1.0* -1.3* -1.4* -2.2*
All Sites Lung and Bronchus Breast Colon and Rectum Pancreas	Rate ^b 2008-2012 91.2 18.2 11.4 9.4 7.3	2003-2012 -0.8* -0.5* -1.4* -1.3* 1.0*	All Sites Lung and Bronchus Colon and Rectum Breast Pancreas	Rate ^b 2008-2012 133.9 32.1 15.6 15.0 7.8	APC° - 2003-2012 -1.3* -1.3* 1.4 -3.4* 0.1	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas	Rate ^b 2008-2012 99.4 14.5 13.7 9.6 7.7	2003-2012 -1.0* -1.3* -1.4* -2.2* 0.0
All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD ^f	Rate ^b 2008-2012 91.2 18.2 11.4 9.4 7.3 6.1	2003-2012 -0.8* -0.5* -1.4* -1.3* 1.0* -1.4	All Sites Lung and Bronchus Colon and Rectum Breast Pancreas Ovary	Rate ^b 2008-2012 133.9 32.1 15.6 15.0 7.8 6.7 6.3	APC°	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary	Rate ^b 2008-2012 99.4 14.5 13.7 9.6 7.7 5.6	2003-2012 -1.0* -1.3* -1.4* -2.2* 0.0 -1.4*
All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD ^f Stomach	Rate ^b 2008-2012 91.2 18.2 11.4 9.4 7.3 6.1 4.7	2003-2012 -0.8* -0.5* -1.4* -1.3* 1.0* -1.4 -3.3*	All Sites Lung and Bronchus Colon and Rectum Breast Pancreas Ovary Liver & IBD ^f	Rate ^b 2008-2012 133.9 32.1 15.6 15.0 7.8 6.7 6.3	APC°	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD ^f	Rate ^b 2008-2012 99.4 14.5 13.7 9.6 7.7 5.6 5.6	- 2003-2012 -1.0* -1.3* -1.4* -2.2* 0.0 -1.4* 1.1*
All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD ^f Stomach Ovary	Rate ^b 2008-2012 91.2 18.2 11.4 9.4 7.3 6.1 4.7 4.6	2003-2012 -0.8* -0.5* -1.4* -1.3* 1.0* -1.4 -3.3* -1.3*	All Sites Lung and Bronchus Colon and Rectum Breast Pancreas Ovary Liver & IBD ^f Kidney and Renal Pelvis	Rate ^b 2008-2012 133.9 32.1 15.6 15.0 7.8 6.7 6.3 4.7	APC° 2003-2012 -1.3* -1.3* 1.4 -3.4* 0.1 -0.9 -1.2 1.9	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD ^f Non-Hodgkin Lymphoma	Rate ^b 2008-2012 99.4 14.5 13.7 9.6 7.7 5.6 5.6 4.3	-1.0* -1.3* -1.4* -2.2* 0.0 -1.4* 1.1* -1.2*
All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD ^f Stomach Ovary Non-Hodgkin Lymphoma	Rate ^b 2008-2012 91.2 18.2 11.4 9.4 7.3 6.1 4.7 4.6 3.4	2003-2012 -0.8* -0.5* -1.4* -1.3* -1.4 -3.3* -1.3* -1.9*	All Sites Lung and Bronchus Colon and Rectum Breast Pancreas Ovary Liver & IBD ^f Kidney and Renal Pelvis Non-Hodgkin Lymphoma	Rate ^b 2008-2012 133.9 32.1 15.6 15.0 7.8 6.7 6.3 4.7 3.6	APC° 2003-2012 -1.3* -1.3* 1.4 -3.4* 0.1 -0.9 -1.2 1.9 -5.5*	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD ^f Non-Hodgkin Lymphoma Stomach	Rate ^b 2008-2012 99.4 14.5 13.7 9.6 7.7 5.6 5.6 4.3 4.2	2003-2012 -1.0* -1.3* -1.4* -2.2* 0.0 -1.4* 1.1* -1.2* -2.7*
All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD ^f Stomach Ovary Non-Hodgkin Lymphoma Leukemia Corpus and Uterus, NOS Cervix Uteri	Rate ^b 2008-2012 91.2 18.2 11.4 9.4 7.3 6.1 4.7 4.6 3.4 3.2	2003-2012 -0.8* -0.5* -1.4* -1.3* 1.0* -1.4 -3.3* -1.3* -1.9* 1.5*	All Sites Lung and Bronchus Colon and Rectum Breast Pancreas Ovary Liver & IBD ^f Kidney and Renal Pelvis Non-Hodgkin Lymphoma Stomach	Rate ^b 2008-2012 133.9 32.1 15.6 15.0 7.8 6.7 6.3 4.7 3.6 3.6	APC° 2003-2012 -1.3* -1.3* 1.4 -3.4* 0.1 -0.9 -1.2 1.9 -5.5* -3.5*	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD ^f Non-Hodgkin Lymphoma Stomach Leukemia	Rate ^b 2008-2012 99.4 14.5 13.7 9.6 7.7 5.6 5.6 4.3 4.2 4.0	2003-2012 -1.0* -1.3* -1.4* -2.2* 0.0 -1.4* 1.1* -1.2* -2.7* -0.1
All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD ^f Stomach Ovary Non-Hodgkin Lymphoma Leukemia Corpus and Uterus, NOS Cervix Uteri	Rate ^b 2008-2012 91.2 18.2 11.4 9.4 7.3 6.1 4.7 4.6 3.4 3.2 2.8	2003-2012 -0.8* -0.5* -1.4* -1.3* 1.0* -1.4 -3.3* -1.3* -1.9* 1.5* 3.1*	All Sites Lung and Bronchus Colon and Rectum Breast Pancreas Ovary Liver & IBD ^f Kidney and Renal Pelvis Non-Hodgkin Lymphoma Stomach Corpus and Uterus, NOS	Rate ^b 2008-2012 133.9 32.1 15.6 15.0 7.8 6.7 6.3 4.7 3.6 3.6 3.5	APC° - 2003-2012 -1.3* -1.3* 1.4 -3.4* 0.1 -0.9 -1.2 1.9 -5.5* -3.5*	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD ^f Non-Hodgkin Lymphoma Stomach Leukemia Corpus and Uterus, NOS	Rate ^b 2008-2012 99.4 14.5 13.7 9.6 7.7 5.6 5.6 4.3 4.2 4.0 3.5	-1.0* -1.3* -1.4* -2.2* 0.0 -1.4* -1.2* -2.7* -0.1 2.3*
All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD ^f Stomach Ovary Non-Hodgkin Lymphoma Leukemia Corpus and Uterus, NOS	Rate ^b 2008-2012 91.2 18.2 11.4 9.4 7.3 6.1 4.7 4.6 3.4 3.2 2.8 1.8	2003-2012 -0.8* -0.5* -1.4* -1.3* 1.0* -1.4 -3.3* -1.3* -1.5* 3.1*	All Sites Lung and Bronchus Colon and Rectum Breast Pancreas Ovary Liver & IBD ^f Kidney and Renal Pelvis Non-Hodgkin Lymphoma Stomach Corpus and Uterus, NOS Cervix Uteri	Rate ^b 2008-2012 133.9 32.1 15.6 15.0 7.8 6.7 6.3 4.7 3.6 3.6 3.5 3.5	APC° - 2003-2012 -1.3* -1.3* 1.4 -3.4* 0.1 -0.9 -1.2 1.9 -5.5* -3.5* -1.4	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD ^f Non-Hodgkin Lymphoma Stomach Leukemia Corpus and Uterus, NOS Cervix Uteri	Rate ^b 2008-2012 99.4 14.5 13.7 9.6 7.7 5.6 5.6 4.3 4.2 4.0 3.5 2.7 2.4	- 2003-2012 -1.0* -1.3* -1.4* -2.2* 0.0 -1.4* 1.1* -1.2* -2.7* -0.1 2.3* -2.3*
All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD ^f Stomach Ovary Non-Hodgkin Lymphoma Leukemia Corpus and Uterus, NOS Cervix Uteri Brain and ONS ^f	Rate ^b 2008-2012 91.2 18.2 11.4 9.4 7.3 6.1 4.7 4.6 3.4 3.2 2.8 1.8 1.6	2003-2012 -0.8* -0.5* -1.4* -1.3* 1.0* -1.4 -3.3* -1.3* -1.5* 3.1* -3.1* -3.1*	All Sites Lung and Bronchus Colon and Rectum Breast Pancreas Ovary Liver & IBD ^f Kidney and Renal Pelvis Non-Hodgkin Lymphoma Stomach Corpus and Uterus, NOS Cervix Uteri Leukemia	Rate ^b 2008-2012 133.9 32.1 15.6 15.0 7.8 6.7 6.3 4.7 3.6 3.6 3.5 3.5	APC° - 2003-2012 -1.3* -1.3* 1.4 -3.4* 0.1 -0.9 -1.2 1.9 -5.5* -3.5* -1.4 -5.1	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD ^f Non-Hodgkin Lymphoma Stomach Leukemia Corpus and Uterus, NOS Cervix Uteri Brain and ONS ^f	Rate ^b 2008-2012 99.4 14.5 13.7 9.6 7.7 5.6 5.6 4.3 4.2 4.0 3.5 2.7 2.4	- 2003-2012 -1.0* -1.3* -1.4* -2.2* 0.0 -1.4* 1.1* -1.2* -2.7* -0.1 2.3* -2.3* 0.1

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- Top 15 cancer sites selected based on 2008-2012 age-adjusted rates for the race/ethnic group.
- Pates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- * The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

SEER Cancer Incidence and US Death Rates, 2008-2012 By Cancer Site and Race/Ethnicity



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG) and US Mortality Files,

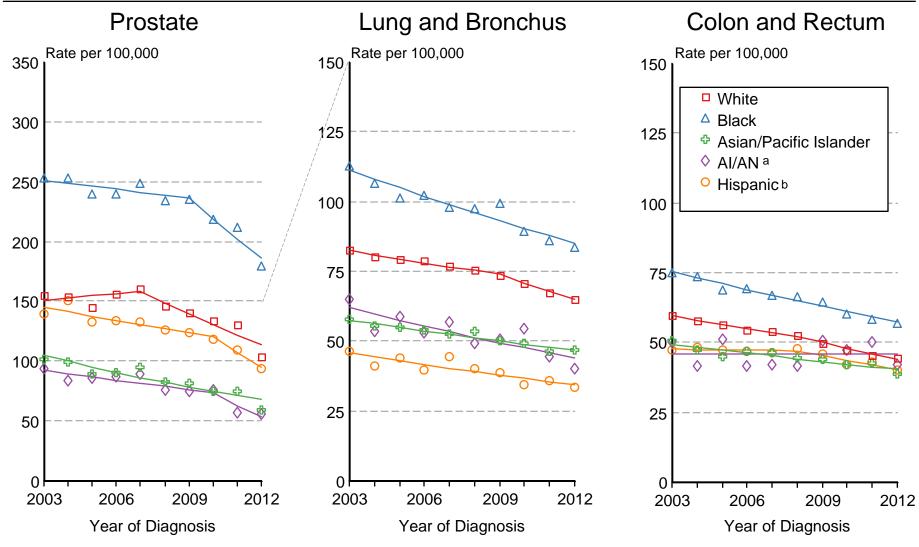
a National Center for Health Statistics, Centers for Disease Control and Prevention. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area)

b counties. Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Figure 1.13

SEER Incidence 2003-2012 Males by Race/Ethnicity



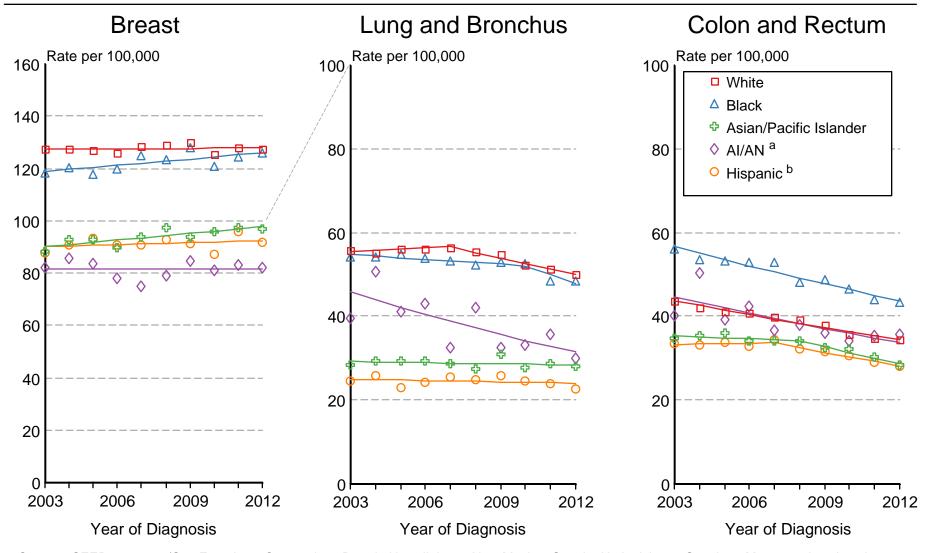
Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Figure 1.14

SEER Incidence 2003-2012 Females by Race/Ethnicity



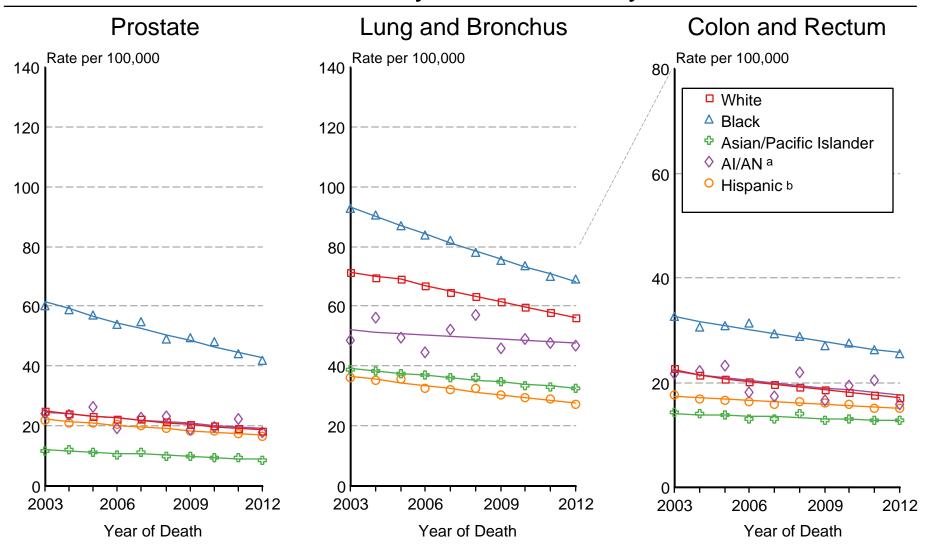
Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Figure 1.15

US Mortality 2003-2012 Males by Race/Ethnicity

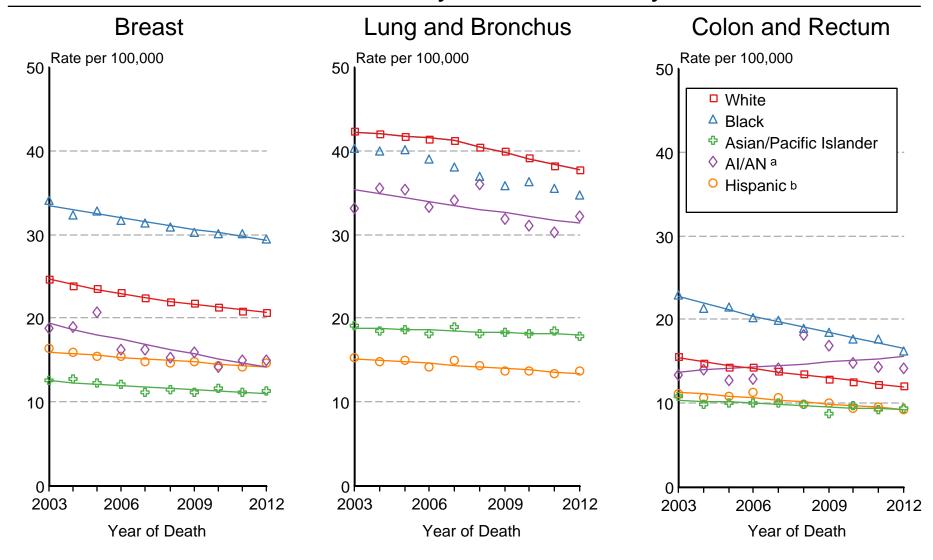


Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

^a Mortality rates for American Indian/Alaska Native (Al/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

US Mortality 2003-2012 Females by Race/Ethnicity



Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

^a Mortality rates for American Indian/Alaska Native (Al/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Table 2.15 All Cancer Sites (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2 100,00			ER 13 Ar nd 2003- AAPC (%	2012°	Tren	R 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/EIHNICIII									
All Races	454.8	516.6	411.2	-1.0*	-1.7*	-0.3*	-0.9*	-1.7*	-0.2*
White	463.3	519.8	423.9	-1.0*	-1.7*	-0.3*	-0.9*	-1.7*	-0.2*
White Hispanic ^e	360.8	404.3	334.5	-0.8*	-1.7*	0.2*	-	-	-
White Non-Hispanic ^e	482.4	540.0	441.6	-1.0*	-1.6*	-0.3	-	-	_
Black	478.0	590.1	401.2	-1.3*	-2.4*	0.0	-1.2*	-2.1*	0.0
Asian/Pacific Islander	306.8	325.4	297.5	-0.5*	-1.9*	0.1	-	_	-
Amer Ind/Alaska Nat ^f	319.7	340.8	308.8	0.1	-0.4	0.6*	-	-	-
Hispanic ^e	349.9	395.0	322.2	-0.8*	-1.7*	0.1	-	-	-
U.S. Mortality ^g									
		2008-2 100,00	012 O persons		nd 2003- AAPC (%				
		100,00			AAPC (%				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)			
RACE/ETHNICITY All Races	Rate per	100,00	0 persons		AAPC (% Males	Females			
	Rate per Total 171.2	100,00 Males	0 persons Females	Total	AAPC (% Males -1.8*	Females -1.4*			
All Races	Rate per <u>Total</u>	100,00 Males 207.9	0 persons Females 145.4		Males -1.8* -1.7*	Females -1.4* -1.3*			
All Races White	Total 171.2 170.9	207.9 206.4	0 persons Females 145.4 145.6		Males -1.8* -1.7*	Females -1.4* -1.3* -0.9*			
All Races White White Hispanice	Total 171.2 170.9 125.8	207.9 206.4 155.7	0 persons Females 145.4 145.6 105.0		AAPC (% Males -1.8* -1.7* -1.3*	Females -1.4* -1.3* -0.9*			
All Races White White Hispanice White Non-Hispanice	Total 171.2 170.9 125.8 174.8	207.9 206.4 155.7 210.6	0 persons Females 145.4 145.6 105.0 149.2	Total -1.5* -1.4* -1.14*	AAPC (% Males -1.8* -1.7* -1.3* -1.6*	-1.4* -1.3* -0.9* -1.3* -1.6*			
All Races White White Hispanice White Non-Hispanice	Total 171.2 170.9 125.8 174.8 202.0	207.9 206.4 155.7 210.6 261.5	0 persons Females 145.4 145.6 105.0 149.2 166.3	Total -1.5* -1.4* -1.1* -1.4* -2.1*	AAPC (% Males -1.8* -1.7* -1.3* -1.6* -2.7*	-1.4* -1.3* -0.9* -1.3* -1.6*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	Total 171.2 170.9 125.8 174.8 202.0	207.9 206.4 155.7 210.6 261.5	0 persons Females 145.4 145.6 105.0 149.2 166.3	Total -1.5* -1.4* -1.1* -1.4* -2.1*	AAPC (% Males -1.8* -1.7* -1.3* -1.6* -2.7*	-1.4* -1.3* -0.9* -1.6* -0.9*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	Total 171.2 170.9 125.8 174.8 202.0 106.6	207.9 206.4 155.7 210.6 261.5	0 persons Females 145.4 145.6 105.0 149.2 166.3 91.2	Total -1.5* -1.4* -1.1* -1.4* -2.1*	AAPC (% Males -1.8* -1.7* -1.6* -2.7* -1.6*	-1.4* -1.3* -0.9* -1.6* -0.9*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Total 171.2 170.9 125.8 174.8 202.0 106.6	207.9 206.4 155.7 210.6 261.5 128.4	0 persons Females 145.4 145.6 105.0 149.2 166.3 91.2	Total -1.5* -1.4* -1.1* -1.4* -2.1* -1.1*	AAPC (% Males -1.8* -1.7* -1.6* -2.7* -1.6*	-1.4* -1.3* -0.9* -1.6* -0.9*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

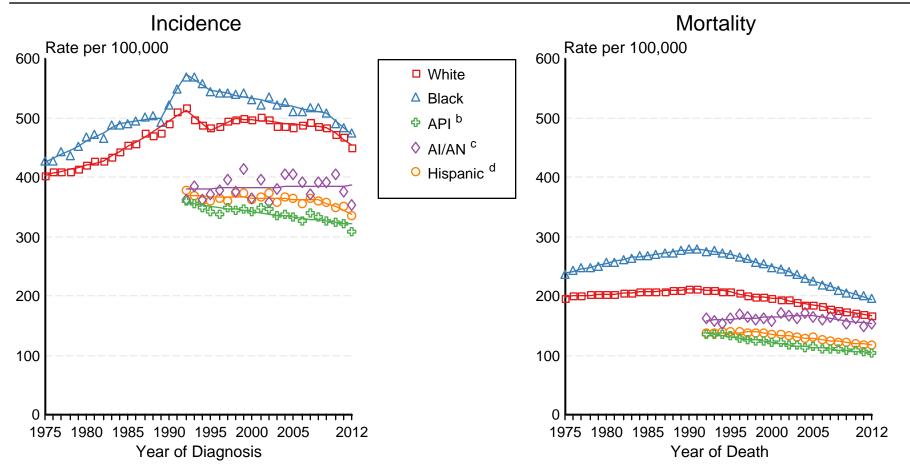
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.
The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over

- diagnosis years 1992-2012. d
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012. The APC is significantly different from zero (p<.05).

Figure 2.4

SEER Incidence and US Death Rates^a All Cancer Sites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 3.15 Cancer of the Brain And Other Nervous System (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	2 18 Are 2 2008-2 100,00			ER 13 Ar d 2003- AAPC (%	2012 ^c	Tren	R 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.4	7.7	5.4	-0.3*	-0.3*	-0.2	-0.2*	-0.4*	-0.1
White White Hispanic ^e White Non-Hispanic ^e	7.1 5.2 7.6	8.4 6.1 9.0	5.9 4.5 6.4	-0.1 -2.0* 0.1	-0.2 0.0 -0.1	-0.1 -1.1* 0.2	-0.1 - -	-0.2 - -	0.0
Black	4.1	4.9	3.6	0.1	0.0	0.2	0.3	-0.1	0.6*
Asian/Pacific Islander	3.6	4.3	3.1	-0.2	-0.1	-0.3	-	-	_
Amer Ind/Alaska Nat ^f	3.2	3.7	2.7	1.9	0.3			-	-
Hispanic ^e	4.9	5.8	4.2	-2.2*	-0.1	-1.0*	-	-	-
U.S. Mortality ^g									
o.s. Mortality		2008-2	012 0 persons		d 2003- AAPC (%)				
RACE/ETHNICITY		100,00			AAPC (%)				
	Rate per	100,00	0 persons		AAPC (%))			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (%)	Females			
RACE/ETHNICITY All Races White White Hispanice	Rate per Total 4.3 4.7 3.0	100,00 Males 5.3 5.7 3.6	0 persons Females 3.5 3.8 2.6	-0.1 0.0 0.2	Males 0.0 0.1 0.1	-0.3 -0.2 0.1			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Rate per Total 4.3 4.7 3.0 4.9	100,00 Males 5.3 5.7 3.6 6.0	3.5 3.8 2.6 3.9	-0.1 0.0 0.2 0.1	Males 0.0 0.1 0.1 0.2	-0.3 -0.2 0.1 -0.1			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	A.3 4.7 3.0 4.9 2.5	100,00 Males 5.3 5.7 3.6 6.0 3.1	3.5 3.8 2.6 3.9 2.1	Total -0.1 0.0 0.2 0.1 -0.7*	Males 0.0 0.1 0.1 0.2 -0.6*	-0.3 -0.2 0.1 -0.1 -0.8*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

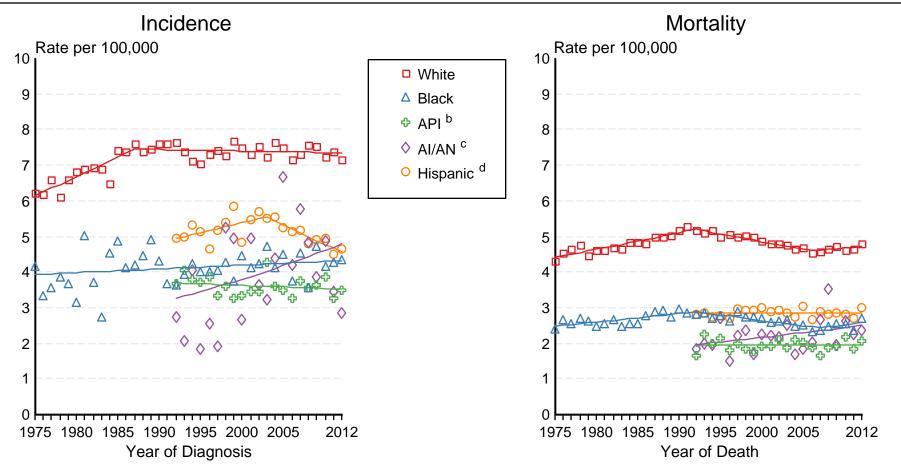
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATL/RG.
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

Figure 3.2

SEER Incidence and US Death Rates^a Cancer of the Brain and Other Nervous System, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 4.18 Cancer of the Female Breast (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	124.8	-0.1	0.0
White White Hispanic ^e	127.9 95.7	-0.2 0.2	-0.2 -
White Non-Hispanic ^e	134.0	-0.2	- -
Black	124.4	0.2*	0.4*
Asian/Pacific Islander	96.3	0.8	-
Amer Ind/Alaska Nat ^f	82.0	0.1	-
Hispanic ^e	92.1	0.1	-
U.S. Mortality ^g	Rate 2008-2012 Rate per 100,000 persons	Trend 2003-2012 ^h AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	21.9	-1.9*	
White	21.3	-1.9*	
White Hispanic ^e	15.4	-1.4*	
White Non-Hispanic ^e	21.9	-1.8*	
Black	30.2	-1.5*	
Asian/Pacific Islander	11.4	-1.0*	
Amer Ind/Alaska Nat Total U.S. CHSDA Counties	11.6 15.0	-1.6* -0.6	
Non-CHSDA Counties	7.7	-3.3*	
Hispanic ^e	14.5	-1.5*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and $\bar{\text{R}}\text{ural Georgia.}$

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATT/RG.

 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

SEER Incidence	SEER 18 Areas ^b Rate 2008–2012 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)	SEER 9 Areas ^b Trend 2003–2012 ^d AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	31.7	0.5	0.7*
White	31.9	0.2	0.5
White Hispanic ^e	21.4	1.6*	-
White Non-Hispanic ^e	34.2	0.3	-
Black	30.6	1.6*	1.5*
Asian/Pacific Islander	30.5	1.7*	-
Amer Ind/Alaska Nat ^f	15.6	1.4	-
Hispanic ^e	20.8	1.5*	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

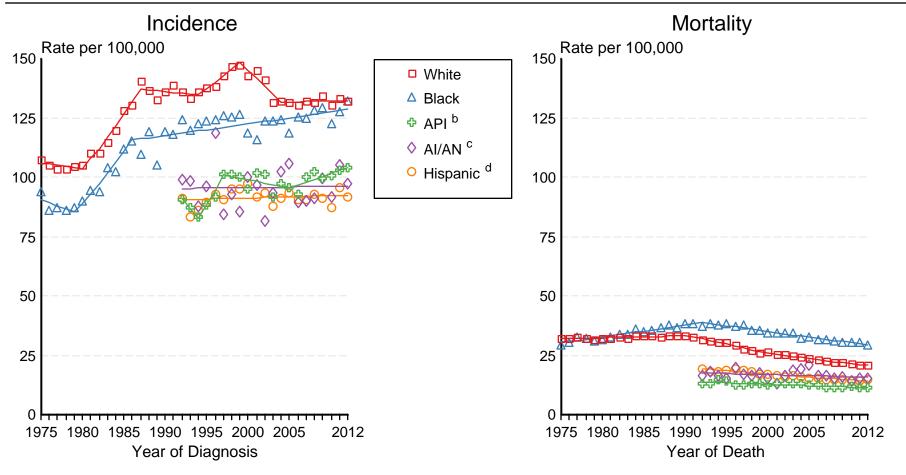
Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero (p<.05).

Figure 4.4

SEER Incidence and US Death Rates^a Cancer of the Female Breast

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 5.11 Cancer of the Cervix Uteri (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	7.7	-2.4*	-1.0*
White	7.7	-2.0*	-0.7
White Hispanic ^e White Non-Hispanic ^e	10.4 7.1	-3.9* -1.8*	- -
WHITE NOH-HISPAHIC	7.1	-1.0"	_
Black	9.2	-3.6*	-3.7*
Asian/Pacific Islander	6.3	-4.2*	-
Amer Ind/Alaska Nat ^f	7.5	-1.3	=
Hispanic ^e	9.9	-4.0*	=
U.S. Mortality ^g	Rate 2008-2012 Rate per 100,000 persons	Trend 2003-2012 ^h AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	2.3	-0.9*	
White	2.1	-0.6*	
White Hispanic ^e	2.9	-2.7*	
White Non-Hispanic ^e	2.0	-0.5	
Black	4.0	-2.5*	
Asian/Pacific Islander	1.8	-3.7*	
Amer Ind/Alaska Nat			
Total U.S.	2.4	-3.1*	
CHSDA Counties	3.5	-2.1*	
Non-CHSDA Counties	1.1	-4.0*	
Hispanic ^e	2.7	-2.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and $\bar{\text{R}}\text{ural Georgia.}$

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATT/RG.

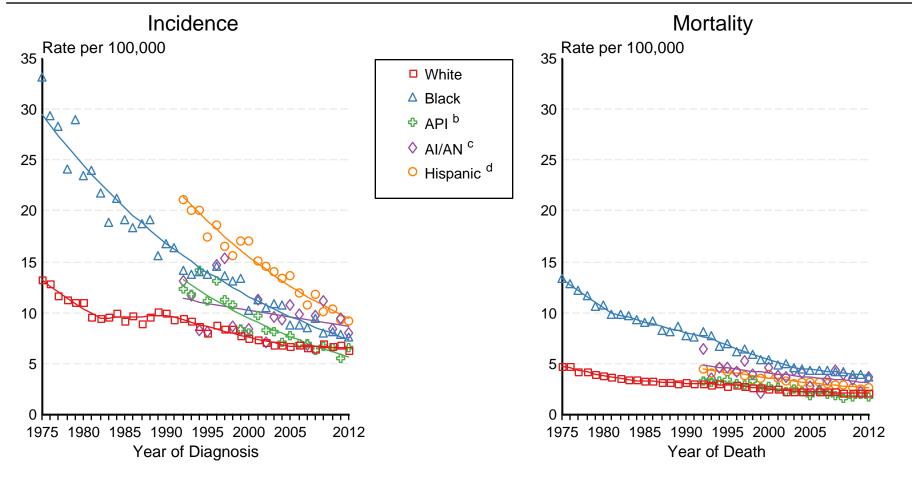
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

The APC is significantly different from zero (p<.05).

Figure 5.3

SEER Incidence and US Death Rates^a Cancer of the Cervix Uteri

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 6.21 Cancer of the Colon and Rectum (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2			ER 13 Ar nd 2003- AAPC (%	2012 ^c	Tren	R 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITI									
All Races	42.4	48.9	37.1	-3.0*	-3.2*	-2.9*	-3.1*	-3.4*	-3.0*
White	41.5	47.8	36.3	-3.2*	-3.5*	-3.0*	-3.3*	-3.6*	-3.0*
White Hispanic ^e	37.0	44.9	30.8	-1.8*	-1.9*	-1.8*	_	_	_
White Non-Hispanic ^e	42.4	48.4	37.2	-3.3*	-3.6*	-3.1*	-	-	-
Black	52.3	61.2	46.0	-3.1*	-3.2*	-3.5*	-3.3*	-3.4*	-3.5*
Asian/Pacific Islander	36.1	42.2	31.3	-2.5*	-2.5*	-2.9*	-	=	-
Amer Ind/Alaska Nat ^f	40.3	46.3	35.7	-0.4	-0.1	-0.6	-	=	-
Hispanic ^e	35.8	43.3	30.0	-1.9*	-2.0*	-1.9*	=	-	_
U.S. Mortality ^g									
		2008-2	012 0 persons		nd 2003- AAPC (%				
		100,00	0 persons		AAPC (%)			
RACE/ETHNICITY	Rate per	100,00			AAPC (%				
	Rate per	100,00	0 persons		AAPC (% Males) Females			
RACE/ETHNICITY	Rate per <u>Total</u>	100,00 Males	0 persons Females	Total	AAPC (% Males -2.9*	Females -2.9*			
RACE/ETHNICITY All Races	Rate per Total	100,00 Males 18.6	0 persons Females		Males -2.9*	Females -2.9* -2.9*			
RACE/ETHNICITY All Races White	Total 15.5 15.0	100,00 Males 18.6 18.0	0 persons Females 13.1 12.7		AAPC (% Males -2.9* -2.9* -1.3*	Females -2.9* -2.9* -2.0*			
RACE/ETHNICITY All Races White White Hispanice	Total 15.5 15.0 12.9	100,00 Males 18.6 18.0 16.5	0 persons Females 13.1 12.7 10.1	Total -2.8* -2.8* -1.5*	AAPC (% Males -2.9* -2.9* -1.3*	Females -2.9* -2.9* -2.0*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Total 15.5 15.0 12.9 15.2	18.6 18.0 16.5 18.2	0 persons Females 13.1 12.7 10.1 12.9	Total -2.8* -2.8* -1.5* -2.8*	AAPC (% Males -2.9* -2.9* -1.3* -3.0*	Pemales -2.9* -2.9* -2.0* -2.9* -3.3*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Total 15.5 15.0 12.9 15.2 21.4	18.6 18.0 16.5 18.2 26.9	0 persons Females 13.1 12.7 10.1 12.9 17.8	Total -2.8* -2.8* -1.5* -2.8* -2.9*	AAPC (% Males -2.9* -2.9* -1.3* -3.0* -2.7*	Pemales -2.9* -2.9* -2.0* -2.9* -3.3*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	Total 15.5 15.0 12.9 15.2 21.4	18.6 18.0 16.5 18.2 26.9	0 persons Females 13.1 12.7 10.1 12.9 17.8	Total -2.8* -2.8* -1.5* -2.8* -2.9* -1.7*	AAPC (% Males -2.9* -2.9* -1.3* -3.0* -2.7*	Pemales -2.9* -2.9* -2.0* -2.9* -3.3* -1.5*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	Total 15.5 15.0 12.9 15.2 21.4 11.0	18.6 18.6 18.2 26.9	0 persons Females 13.1 12.7 10.1 12.9 17.8 9.4	Total -2.8* -2.8* -1.5* -2.8* -2.9* -1.7*	AAPC (% Males -2.9* -2.9* -1.3* -3.0* -2.7* -1.8*	Pemales -2.9* -2.9* -2.0* -2.9* -3.3* -1.5*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Total 15.5 15.0 12.9 15.2 21.4 11.0	18.6 18.6 18.2 26.9 13.0	0 persons Females 13.1 12.7 10.1 12.9 17.8 9.4 11.2	Total -2.8* -2.8* -1.5* -2.8* -2.9* -1.7*	AAPC (% Males -2.9* -2.9* -1.3* -3.0* -2.7* -1.8*	Pemales -2.9* -2.9* -2.0* -2.9* -3.3* -1.5*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b

Utah, and Atlanta. The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATT/RG.

 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

Table 6.22 Cancer of the Colon (Invasive) and Cancer of the Rectum (Invasive)

SEER Incidence Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

Cancer of the Colon SEER Incidence	Rate	2 18 Are 2008-2 100,00			ER 13 Ar d 2003-2 AAPC (%	2012 ^c	Trend	R 9 Are d 2003-2 AAPC (%	2012 ^d
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	30.1	33.5	27.4	-3.3*	-3.5*	-3.3*	-3.3*	-3.6*	-3.2*
White	29.5	32.9	26.8	-3.5*	-3.7*	-3.3*	-3.5*	-3.9*	-3.1*
White Hispanic ^e	25.5	29.7	22.3	-2.1*	-2.1*	-2.1*	_	-	-
White Non-Hispanic ^e	30.2	33.4	27.5	-3.5*	-3.8*	-3.0*	-	-	=
Black	39.1	44.6	35.3	-3.5*	-3.5*	-3.6*	-3.8*	-3.8*	-4.0*
Asian/Pacific Islander	23.9	26.6	21.8	-2.9*	-3.1*	-3.0*	-	_	-
Amer Ind/Alaska Nat ^f	28.4	31.3	26.6	-0.7	-0.8	-0.5	_	-	-
Hispanic ^e	24.7	28.7	21.6	-2.2*	-2.2*	-2.2*	-	_	-
Cancer of the Rectum SEER Incidence	Rate	2 18 Are 2 2008-2 100,00			ER 13 Ar d 2003-2 AAPC (%	2012 ^c	Trend	R 9 Are d 2003-2 AAPC (%	2012 ^d
SEER Incidence	Rate	2008-2	012	Tren	d 2003-2 AAPC (%	2012 ^c	Trend	d 2003-2 AAPC (%	2012 ^d
	Rate Rate per	2008-2	012 0 persons	Tren	d 2003-2 AAPC (%	2012°)	Trend	d 2003-2 AAPC (%	2012 ^d)
SEER Incidence	Rate Rate per	2008-2	012 0 persons	Tren	d 2003-2 AAPC (%	2012°)	Trend	d 2003-2 AAPC (%	2012 ^d)
SEER Incidence RACE/ETHNICITY	Rate Rate per <u>Total</u>	2008-2 100,00 Males	012 0 persons Females	Tren	d 2003-2 AAPC (% Males	2012 ^c) <u>Females</u>	Trend	d 2003-2 AAPC (% Males	2012 ^d) Females
SEER Incidence RACE/ETHNICITY All Races	Rate per Total	2008-2 100,00 Males	0012 0 persons Females 9.7	Total -2.2*	d 2003-2 AAPC (% Males -2.4*	Police Pemales -2.0*	Total -2.3*	d 2003-2 AAPC (% <u>Males</u> -2.6*	Police Pemales -2.1*
SEER Incidence RACE/ETHNICITY All Races White	Rate per Total 12.3 12.0	2008-2 100,00 Males 15.3 15.0	0012 0 persons Females 9.7 9.5	Tren	d 2003-2 AAPC (% Males -2.4* -2.8*	2012 ^c) Females -2.0* -2.0*	Total -2.3*	d 2003-2 AAPC (% Males -2.6*	2012 ^d) Females -2.1* -2.4*
SEER Incidence RACE/ETHNICITY All Races White White Hispanice	Rate per Total 12.3 12.0 11.5	2008-2 100,00 Males 15.3 15.0 15.2	9.7 9.5 8.6	Tren Total -2.2* -2.5* -0.7*	AAPC (% Males -2.4* -2.8* -0.9*	2012 ^c) Females -2.0* -2.0* -0.7*	Total -2.3*	d 2003-2 AAPC (% Males -2.6*	2012 ^d) Females -2.1* -2.4*
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Rate per Total 12.3 12.0 11.5 12.2	2 2008-2 100,00 Males 15.3 15.0 15.2 15.0	9.7 9.5 8.6 9.7	Tren	d 2003-2 AAPC (* Males -2.4* -2.8* -0.9* -3.0*	Penales -2.0* -2.0* -0.7* -2.5*	Trend -2.3* -2.7* -	d 2003-2 AAPC (% Males -2.6* -3.2*	2012 ^d) Females -2.1* -2.4* -
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Rate per Total 12.3 12.0 11.5 12.2 13.2	2 2008-2 100,00 Males 15.3 15.0 15.2 15.0	9.7 9.5 8.6 9.7 10.7	Tren Total -2.2* -2.5* -0.7* -2.7* -2.5*	d 2003-2 AAPC (* Males -2.4* -2.8* -0.9* -3.0* -1.0*	Penales -2.0* -2.0* -0.7* -2.5*	Trend -2.3* -2.7* -	d 2003-2 AAPC (% Males -2.6* -3.2* - -	2012 ^d) Females -2.1* -2.4*0.3*

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.

d The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry

Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC is significantly different from zero (p<.05).

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

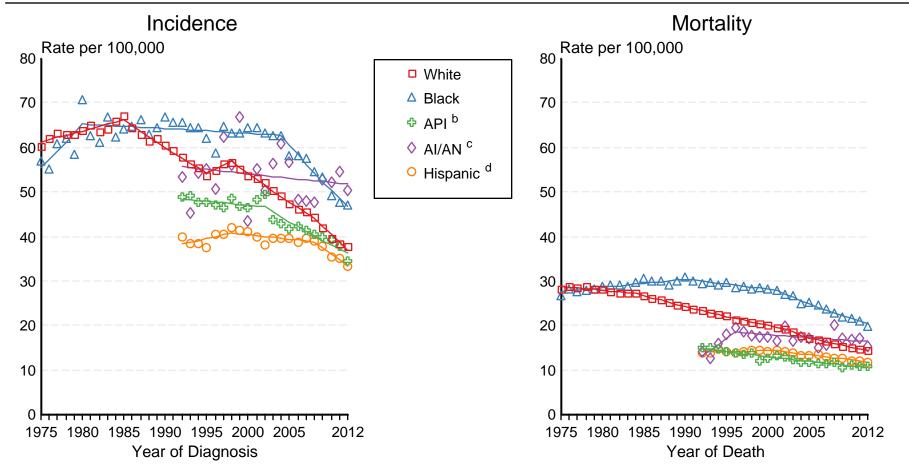
b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

Figure 6.2

SEER Incidence and US Death Rates^a Cancer of the Colon and Rectum, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 7.11 Cancer of the Corpus And Uterus, NOS (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	25.1	1.5*	1.1
White	25.8	1.3*	1.1*
White Hispanic ^e	21.5	3.0*	=
White Non-Hispanic ^e	26.4	1.0*	-
Black	24.0	2.3*	2.8*
Asian/Pacific Islander	19.9	1.8*	-
Amer Ind/Alaska Nat ^f	19.8	2.5*	-
Hispanic ^e	20.7	2.9*	-
U.S. Mortality ^g	Rate 2008-2012 Rate per 100,000 persons	Trend 2003-2012 ^h AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	4.4	1.1*	
White	4.1	0.8*	
White Hispanic ^e	3.7	2.0*	
White Non-Hispanic ^e	4.1	0.8*	
Black	7.7	1.5*	
Asian/Pacific Islander	2.8	2.0*	
Amer Ind/Alaska Nat Total U.S. CHSDA Counties Non-CHSDA Counties	2.6 3.5 1.5	0.3 1.1 -1.1	
Hispanic ^e	3.5	0.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

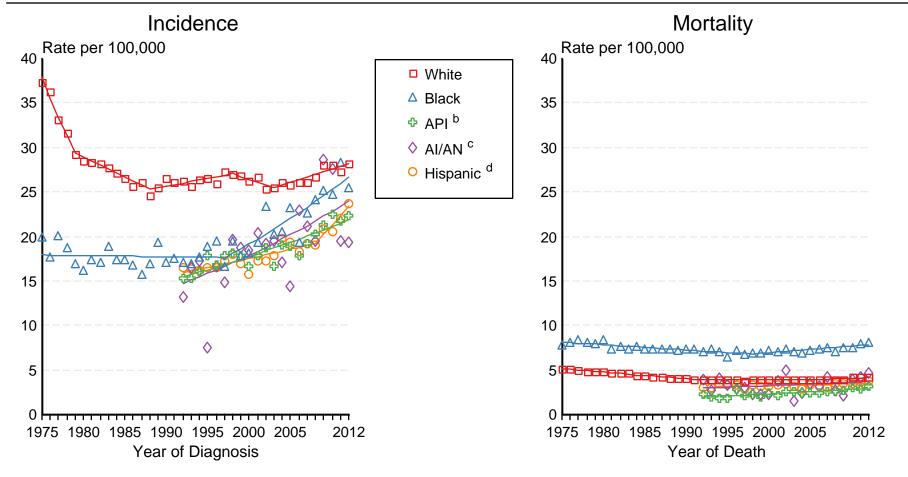
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.
- The APC is significantly different from zero (p<.05).

Utah, and Atlanta.

Figure 7.3

SEER Incidence and US Death Rates^a Cancer of the Corpus and Uterus, NOS

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 8.15 Cancer of the Esophagus (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trendsa By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2			ER 13 Ar d 2003-: AAPC (%	2012 ^c	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%) Total Males Females			
	Total	Males	Females	Total	Males	Females	Total	Males	Females	
RACE/ETHNICITY										
All Races	4.4	7.6	1.7	-0.4*	-0.2	-1.2*	-1.2*	-1.1*	-0.5*	
White	4.6	8.0	1.7	0.5*	-0.2		-0.3	-0.3	-0.1	
White Hispanic ^e	3.0	5.4	1.0	-1.0*			-	_	-	
White Non-Hispanic ^e	4.8	8.4	1.8	-0.5	-0.3	-0.4	_	-	-	
Black	4.6	7.6	2.5	-4.7*	-4.9*	-4.2*	-4.6*	-4.9*	-3.2*	
Asian/Pacific Islander	2.2	3.6	1.0	-1.8*	-2.1*	-0.4	_	-	-	
Amer Ind/Alaska Nat ^f	3.1	4.9	1.6	-1.8	-3.2	-	-	-	-	
Hispanic ^e	2.9	5.2	1.0	-1.0*	-1.1*	-1.1	-	-	-	
U.S. Mortality ^g										
		2008-2 100,00	012 O persons		d 2003-: AAPC (%)					
		100,00			AAPC (%)					
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%))				
RACE/ETHNICITY All Races	Rate per	100,00	0 persons		AAPC (%)	Females				
	Rate per Total	100,00 Males	0 persons Females	Total	AAPC (%)	Females -1.6*				
All Races	Rate per Total	100,00 Males 7.5	0 persons Females		AAPC (%) Males -0.7* -0.2	Females -1.6* -1.1*				
All Races	Rate per Total 4.2 4.3	100,00 Males 7.5 7.7	0 persons Females 1.5 1.5	Total -0.8*	AAPC (%) Males -0.7* -0.2	Females -1.6* -1.1* -2.4*				
All Races White White Hispanic ^e	Rate per	100,00 Males 7.5 7.7 4.5	0 persons Females 1.5 1.5 0.8	Total -0.8* -0.2 -0.7*	AAPC (%) Males -0.7* -0.2 -0.7*	Females -1.6* -1.1* -2.4*				
All Races White White Hispanic ^e White Non-Hispanic ^e	Rate per Total 4.2 4.3 2.4 4.5	7.5 7.7 4.5 8.0	0 persons Females 1.5 1.5 0.8 1.6	Total -0.8* -0.2 -0.7* 0.0	Males -0.7* -0.2 -0.7*	-1.6* -1.1* -2.4* -0.9* -4.1*				
All Races White White Hispanice White Non-Hispanice Black	Rate per Total 4.2 4.3 2.4 4.5 4.0	100,00 Males 7.5 7.7 4.5 8.0 7.0	0 persons Females 1.5 1.5 0.8 1.6 2.0	Total -0.8* -0.2 -0.7* 0.0 -4.4*	Males -0.7* -0.2 -0.7* -0.1 -4.6*	-1.6* -1.1* -2.4* -0.9* -4.1*				
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	Rate per Total 4.2 4.3 2.4 4.5 4.0	100,00 Males 7.5 7.7 4.5 8.0 7.0	0 persons Females 1.5 1.5 0.8 1.6 2.0	Total -0.8* -0.2 -0.7* 0.0 -4.4* -1.9*	Males -0.7* -0.2 -0.7* -0.1 -4.6*	-1.6* -1.1* -2.4* -0.9* -4.1* -1.3*				
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	Rate per Total 4.2 4.3 2.4 4.5 4.0 1.7	100,00 Males 7.5 7.7 4.5 8.0 7.0 2.8	0 persons Females 1.5 1.5 0.8 1.6 2.0 0.8	Total -0.8* -0.2 -0.7* 0.0 -4.4* -1.9*	-0.7* -0.2 -0.7* -0.1 -4.6* -2.1*	Females -1.6* -1.1* -2.4* -0.9* -4.1* -1.3*				
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Rate per Total 4.2 4.3 2.4 4.5 4.0 1.7	100,00 Males 7.5 7.7 4.5 8.0 7.0 2.8	0 persons Females 1.5 1.5 0.8 1.6 2.0 0.8	Total -0.8* -0.2 -0.7* 0.0 -4.4* -1.9*	Males -0.7* -0.2 -0.7* -0.1 -4.6* -2.1*	Females -1.6* -1.1* -2.4* -0.9* -4.1* -1.3*				

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

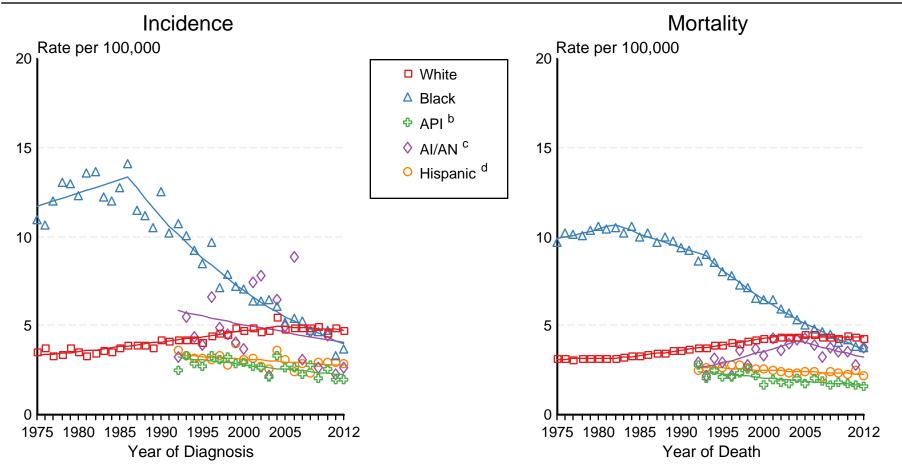
- Louisiana, New Jersey, and Georgia excluding ATT/RG.

 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012. The APC is significantly different from zero (p<.05).

Figure 8.2

SEER Incidence and US Death Rates^a Cancer of the Esophagus, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 9.15 Hodgkin Lymphoma

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2			ER 13 Ar d 2003- AAPC (%	2012 ^c	Tren	R 9 Are d 2003- AAPC (%	2012 ^d
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	2.7	3.0	2.4	-0.6	-0.9	0.0	-0.7	-0.3	0.3*
White	2.9	3.2	2.6	-0.9	0.0	-0.1	-0.8	0.1	0.2
White Hispanic ^e White Non-Hispanic ^e	2.4 3.1	2.7 3.5	2.1	0.1 -1.0	-0.5 0.3	0.7 -0.1	_	_	_
white Non-Hispanic	3.1	3.5	2.8	-1.0	0.3	-0.1	_	_	_
Black	2.7	3.0	2.4	0.9*	1.0*	0.6	1.1*	0.5	1.9*
Asian/Pacific Islander	1.3	1.5	1.2	-0.1	1.4	2.6*	-	-	_
Amer Ind/Alaska Nat ^f	1.1	1.1	1.0	-	-	-	-	-	-
Hispanic ^e	2.3	2.6	2.0	0.0	-0.6	0.6	-	-	-
<u>U.S. Mortality</u>									
						,			
		2008-2	012 O persons		d 2003- AAPC (%)				
		100,00			AAPC (%)				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%))			
RACE/ETHNICITY All Races	Rate per	100,00	0 persons	Total	AAPC (%)	Females			
	Rate per	100,00 Males	0 persons Females	Total	Males -2.3*	Females -2.8*			
All Races White White Hispanic ^e	Rate per Total 0.4	100,00 Males 0.5	0 persons Females 0.3 0.3 0.3		AAPC (%) Males -2.3* -2.2* -2.4*	-2.8* -2.7* -2.2*			
All Races White	Rate per Total 0.4 0.4	100,00 Males 0.5	0 persons Females 0.3 0.3		Males -2.3* -2.2*	-2.8* -2.7* -2.2*			
All Races White White Hispanic ^e	0.4 0.4 0.4	0.5 0.5 0.6	0 persons Females 0.3 0.3 0.3		AAPC (%) Males -2.3* -2.2* -2.4*	-2.8* -2.7* -2.2*			
All Races White White Hispanic ^e White Non-Hispanic ^e	0.4 0.4 0.4 0.4 0.4	0.5 0.5 0.6 0.5	0 persons Females 0.3 0.3 0.3 0.3 0.3	Total -2.7* -2.6* -2.3* -2.6*	Males -2.3* -2.2* -2.4* -2.6*	-2.8* -2.7* -2.2* -2.7*			
All Races White White Hispanice White Non-Hispanice	0.4 0.4 0.4 0.4 0.4 0.3	0.5 0.5 0.6 0.5	0.3 0.3 0.3 0.3 0.3	Total -2.7* -2.6* -2.3* -2.6* -2.8*	Males -2.3* -2.2* -2.4* -2.6*	-2.8* -2.7* -2.2* -2.7* -2.5*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	0.4 0.4 0.4 0.4 0.4 0.3	0.5 0.5 0.6 0.5	0.3 0.3 0.3 0.3 0.3	Total -2.7* -2.6* -2.3* -2.6* -2.8*	Males -2.3* -2.2* -2.4* -2.6*	-2.8* -2.7* -2.2* -2.7* -2.5*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	0.4 0.4 0.4 0.4 0.3	0.5 0.5 0.6 0.5 0.4	0.3 0.3 0.3 0.3 0.3	Total -2.7* -2.6* -2.3* -2.6* -2.8* -1.9	Males -2.3* -2.2* -2.4* -2.6*	-2.8* -2.7* -2.2* -2.7* -2.5*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	0.4 0.4 0.4 0.4 0.3 0.1	0.5 0.5 0.6 0.5 0.4	0 persons Females 0.3 0.3 0.3 0.3 0.3 0.1	Total -2.7* -2.6* -2.3* -2.6* -1.9	AAPC (% Males -2.3* -2.2* -2.4* -2.6* -3.2*	-2.8* -2.7* -2.2* -2.7* -2.5*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATT/RG.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over

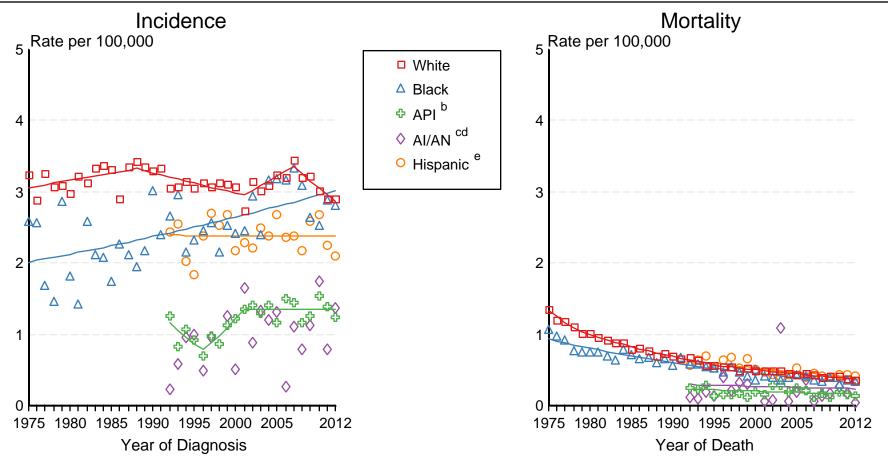
- diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

The APC is significantly different from zero (p<.05).

Figure 9.2

SEER Incidence and US Death Rates^a Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^c API = Asian/Pacific Islander.

d Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

e Joinpoint could not fit a regression line for American Indian/Alaska Native Incidence due to insufficient data.
Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 10.13 Kaposi Sarcoma

SEER Incidence Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	18 Are 2008-2 100,000			ER 13 Ar ad 2003-: AAPC (%	2012°		ER 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	<u>Total</u>	Males	Females	Total	Males	Females	<u>Total</u>	Males	Females
All Races	0.5	1.0	0.1	-2.4*	-2.4*	-4.8*	-1.5*	-1.5*	-4.5*
White White Hispanic ^e White Non-Hispanic ^e	0.5 0.7 0.4	0.9 1.2 0.8	0.1 0.2 0.1	-2.9* -4.2 -3.0*	-3.0* -3.5* -3.1*	-4.6* - -5.4*	-2.3* - -	-2.3* - -	-4.9* - -
Black	1.1	2.2	0.2	-1.4	-1.3	-2.3	0.4	0.5	-
Asian/Pacific Islander	0.2	0.4	-	-0.3	0.5	-	-	-	_
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	_
Hispanic ^e	0.7	1.2	0.2	-3.3	-3.8*	-3.3	-	_	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero (p<.05).

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle,
Utah, and Atlanta.

Table 11.15 Cancer of the Kidney and Renal Pelvis (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2 100,00			ER 13 Ai id 2003- AAPC (9	2012 ^c	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%) Total Males Females			
DAGE /EMINITATELY	Total	Males	Females	Total	Males	Females	Total	Males	Females	
RACE/ETHNICITY										
All Races	15.6	21.3	10.8	1.4*	1.5*	1.2*	1.4*	1.6	1.2	
White	16.1	21.9	11.1	1.4*	1.3*	1.3*	1.4*	1.3*	1.2	
White Hispanic ^e	16.1	21.2	12.1	1.2	0.4	2.8*	-	-	-	
White Non-Hispanic ^e	16.1	22.1	11.0	1.4*	1.5*	1.0*	-	=	=	
Black	18.1	25.1	12.8	1.1	2.5*	2.3*	2.8*	2.9*	2.7*	
Asian/Pacific Islander	8.2	11.6	5.5	2.1	2.4*	1.1	-	-	_	
Amer Ind/Alaska Nat ^f	18.8	24.8	13.9	1.5*	1.5*	1.5	-	-	_	
Hispanic ^e	15.4	20.2	11.6	1.3	0.5	2.7*	-	-	-	
U.S. Mortality ^g										
<u>0.51 1102 002207</u>		2008-2	012 0 persons		nd 2003- AAPC (%					
0101 1102002207		100,00			AAPC (%					
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)				
	Rate per	100,00	0 persons		AAPC (%) Females				
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (% Males	Females -1.3*				
RACE/ETHNICITY All Races	Rate per Total 3.9	100,00 Males 5.7	0 persons Females 2.5		AAPC (% Males -0.8*	Females -1.3* -1.3*				
RACE/ETHNICITY All Races White	Total 3.9 4.0	100,00 Males 5.7 5.9	0 persons Females 2.5 2.6	Total -0.9* -0.5*	Males -0.8*	Females -1.3* -1.3* 0.2				
RACE/ETHNICITY All Races White White Hispanice	3.9 4.0 3.7	100,00 Males 5.7 5.9 5.3	0 persons Females 2.5 2.6 2.5	Total -0.9* -0.5* 0.1	AAPC (% Males -0.8* -0.7* 0.0	Females -1.3* -1.3* 0.2				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	3.9 4.0 3.7 4.0	100,00 Males 5.7 5.9 5.3 5.9	0 persons Females 2.5 2.6 2.5 2.6	Total -0.9* -0.5* 0.1 -0.8*	AAPC (% Males -0.8* -0.7* 0.0 -0.4*	-1.3* -1.3* 0.2 -1.4*				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	3.9 4.0 3.7 4.0 3.8	100,00 Males 5.7 5.9 5.3 5.9 5.6	0 persons Females 2.5 2.6 2.5 2.6 2.5	Total -0.9* -0.5* 0.1 -0.8* -0.9*	AAPC (% Males -0.8* -0.7* 0.0 -0.4* -0.7*	Females -1.3* -1.3* 0.2 -1.4* -0.6*				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Rate per Total 3.9 4.0 3.7 4.0 3.8 1.9	100,00 Males 5.7 5.9 5.3 5.9 5.6 2.9	0 persons Females 2.5 2.6 2.5 2.6 2.5 1.2	Total -0.9* -0.5* 0.1 -0.8* -0.9* 0.1	AAPC (% Males -0.8* -0.7* 0.0 -0.4* -0.7*	Pemales -1.3* -1.3* 0.2 -1.4* -0.6* -1.1				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	3.9 4.0 3.7 4.0 3.8 1.9	100,00 Males 5.7 5.9 5.3 5.9 5.6 2.9	0 persons Females 2.5 2.6 2.5 2.6 2.5 1.2	Total -0.9* -0.5* 0.1 -0.8* -0.9*	AAPC (% Males -0.8* -0.7* 0.0 -0.4* -0.7* 0.4	-1.3* -1.3* -1.3* -1.4* -0.6*				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Rate per Total 3.9 4.0 3.7 4.0 3.8 1.9	100,00 Males 5.7 5.9 5.3 5.9 5.6 2.9	0 persons Females 2.5 2.6 2.5 2.6 2.5 1.2	Total -0.9* -0.5* 0.1 -0.8* -0.9* 0.1	AAPC (% Males -0.8* -0.7* 0.0 -0.4* -0.7* 0.4	Pemales -1.3* -1.3* 0.2 -1.4* -0.6* -1.1				

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

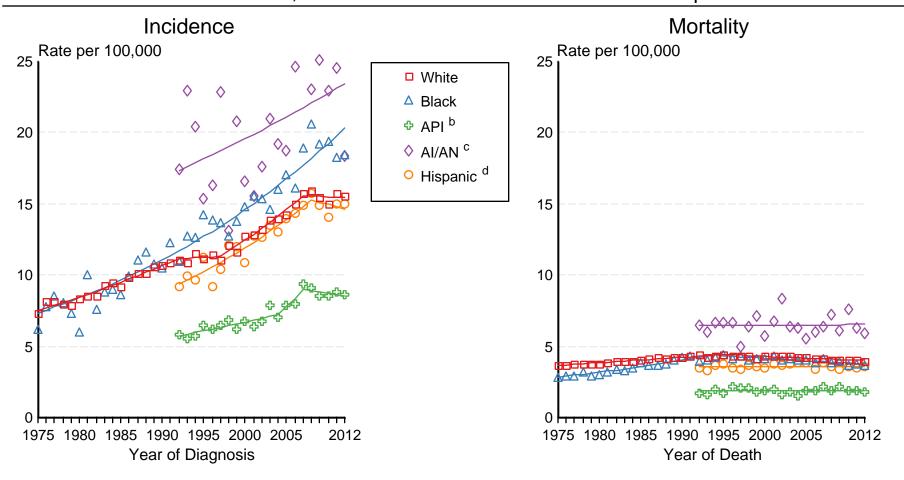
- Louisiana, New Jersey, and Georgia excluding ATT/RG.

 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012. The APC is significantly different from zero (p<.05).

Figure 11.2

SEER Incidence and US Death Rates^a Cancer of the Kidney and Renal Pelvis, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 12.15 Cancer of the Larynx (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2 100,00			ER 13 Ar d 2003- AAPC (%	2012 ^c	Tren	R 9 Are d 2003-2 AAPC (%	2012 ^d
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	3.2	5.8	1.2	-2.6*	-1.9*	-3.1*	-2.4*	-2.4*	-2.6*
White	3.3	5.8	1.2	-2.4*		-2.8*	-2.3*	-2.4*	
White Hispanic ^e	2.4	4.7	0.5	-1.8*		-3.3*	-	-	-
White Non-Hispanic ^e	3.5	6.0	1.4	-2.3*	-1.6*	-2.6*	-	-	_
Black	4.7	8.8	1.7	-3.3*	-3.2*	-3.4*	-2.9*	-2.7*	-3.3*
Asian/Pacific Islander	1.2	2.4	0.3	-3.0*	-2.8*	-2.6	-	-	-
Amer Ind/Alaska Nat ^f	2.3	4.3	-	0.6	1.1	-	-	-	-
Hispanic ^e	2.3	4.5	0.5	-1.8*	-1.7*	-3.0*	-	-	=
U.S. Mortality ^g									
		2008-2	012 0 persons		d 2003- AAPC (%				
		100,00			AAPC (%				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)			
RACE/ETHNICITY All Races	Rate per	100,00	0 persons		AAPC (% Males) Females			
	Rate per	100,00 Males	0 persons Females	Total	AAPC (% Males -2.5*	Females -2.1*			
All Races	Rate per	100,00 Males 1.9	0 persons Females		AAPC (% Males -2.5* -2.3*	Females -2.1* -1.7*			
All Races	Rate per Total 1.1 1.0	100,00 Males 1.9 1.8	0 persons Females 0.4 0.4		AAPC (% Males -2.5* -2.3*	Females -2.1* -1.7* -1.9*			
All Races White White Hispanic ^e	Total 1.1 1.0 0.9	100,00 Males 1.9 1.8 1.7	0 persons Females 0.4 0.4 0.2		AAPC (% Males -2.5* -2.3* -2.7* -2.2*	Females -2.1* -1.7* -1.9*			
All Races White White Hispanic ^e White Non-Hispanic ^e	Total 1.1 1.0 0.9 1.0	1.9 1.8 1.7	0 persons Females 0.4 0.4 0.2 0.4	Total -2.2* -1.9* -2.5* -1.8*	AAPC (% Males -2.5* -2.3* -2.7* -2.2* -3.3*	-2.1* -1.7* -1.9* -1.5*			
All Races White White Hispanice White Non-Hispanice Black	1.1 1.0 0.9 1.0	100,00 Males 1.9 1.8 1.7 1.8 3.6	0 persons Females 0.4 0.4 0.2 0.4 0.6	Total -2.2* -1.9* -2.5* -1.8* -3.3*	AAPC (% Males -2.5* -2.3* -2.7* -2.2* -3.3*	-2.1* -1.7* -1.9* -1.5* -3.2*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	1.1 1.0 0.9 1.0	100,00 Males 1.9 1.8 1.7 1.8 3.6	0 persons Females 0.4 0.4 0.2 0.4 0.6	Total -2.2* -1.9* -2.5* -1.8* -3.3* -1.9*	AAPC (% Males -2.5* -2.3* -2.7* -2.2* -3.3* -1.3	-2.1* -1.7* -1.9* -1.5* -3.2*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	1.1 1.0 0.9 1.0 1.8	1.9 1.8 1.7 1.8 3.6 0.8	0 persons Females 0.4 0.4 0.2 0.4 0.1	Total -2.2* -1.9* -2.5* -1.8* -3.3* -1.9*	AAPC (% Males -2.5* -2.3* -2.7* -3.3* -1.3	-2.1* -1.7* -1.9* -1.5* -3.2*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	1.1 1.0 0.9 1.0 1.8 0.4	100,00 Males 1.9 1.8 1.7 1.8 3.6 0.8	0 persons Females 0.4 0.4 0.2 0.4 0.6 0.1	Total -2.2* -1.9* -2.5* -1.8* -3.3* -1.9*	AAPC (% Males -2.5* -2.3* -2.7* -2.2* -3.3* -1.3	Pemales -2.1* -1.7* -1.9* -1.5* -3.2* -4.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

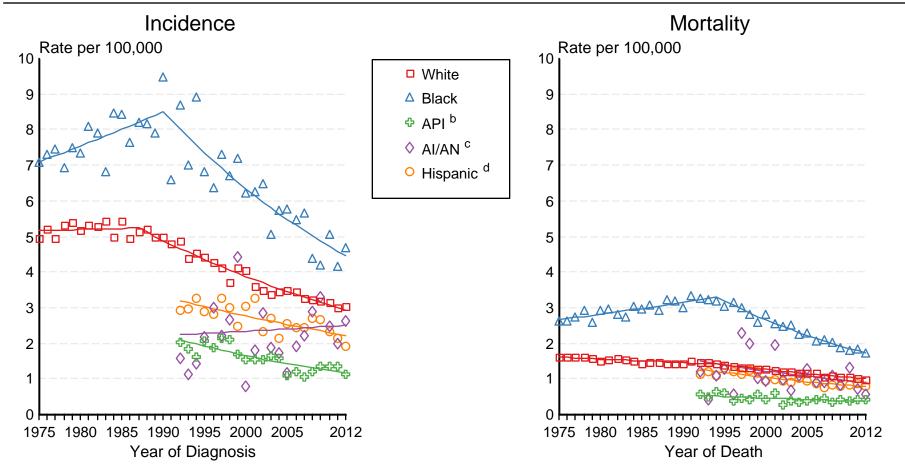
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATT/RG.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over

- diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012. The APC is significantly different from zero (p<.05).

SEER Incidence and US Death Rates^a Cancer of the Larynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 13.23 Leukemia

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2 100,00			ER 13 And 2003- AAPC (2012 ^c	Tren	R 9 Are d 2003-1 AAPC (%	2012 ^d
DAGE /EERING CENT	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	13.3	17.0	10.4	0.2*	0.1	0.3*	0.2*	0.1*	0.3*
White	14.0	17.9	10.9	0.3*	0.1	0.4*	0.3*	0.2*	0.4*
White Hispanic ^e	10.9	13.1	9.2	0.4	0.2	0.5	-	_	_
White Non-Hispanic ^e	14.2	18.3	11.0	0.4*	0.2	0.4*	-	-	-
Black	10.6	13.5	8.5	0.2	0.2	0.1	0.0	0.0	0.0
Asian/Pacific Islander	7.8	9.8	6.3	-0.2	-0.1	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	8.4	10.1	7.2	1.6	2.2	1.5	_	-	_
Hispanic ^e	10.5	12.6	8.9	0.4	0.2	0.5	-	-	-
U.S. Mortality ^g									
		2008-2	012 O persons		nd 2003- AAPC (%				
		100,00			AAPC (%				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)			
	Rate per	100,00	0 persons		AAPC (% <u>Males</u>) Females			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (% Males -0.8*	Females -1.2*			
RACE/ETHNICITY All Races	Rate per Total 7.0	100,00 Males 9.4	0 persons Females 5.2		Males -0.8*) Females -1.2* -1.1*			
RACE/ETHNICITY All Races White	Total 7.0 7.2	100,00 Males 9.4 9.7	0 persons Females 5.2 5.4	Total -1.0* -0.9*	Males -0.8*) Females -1.2* -1.1* -0.4*			
RACE/ETHNICITY All Races White White Hispanice	7.0 7.2 5.2	9.4 9.7 6.5	0 persons Females 5.2 5.4 4.2	Total -1.0* -0.9* -0.4*	AAPC (% <u>Males</u> -0.8* -0.7* -0.4) Females -1.2* -1.1* -0.4* -1.1*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	7.0 7.2 5.2 7.3	9.4 9.7 6.5 9.9	5.2 5.4 4.2 5.4	-1.0* -0.9* -0.4* -0.8*	AAPC (% Males -0.8* -0.7* -0.4 -0.7*) Females -1.2* -1.1* -0.4* -1.1*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	7.0 7.2 5.2 7.3 6.0	100,00 Males 9.4 9.7 6.5 9.9 7.9	5.2 5.4 4.2 5.4 4.7	Total -1.0* -0.9* -0.4* -0.8* -1.2*	AAPC (% Males -0.8* -0.7* -0.4 -0.7* -1.3*) Females -1.2* -1.1* -0.4* -1.1* -1.1*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	7.0 7.2 5.2 7.3 6.0	100,00 Males 9.4 9.7 6.5 9.9 7.9	5.2 5.4 4.2 5.4 4.7	Total -1.0* -0.9* -0.4* -0.8* -1.2*	AAPC (% Males -0.8* -0.7* -0.4 -0.7* -1.3* -0.5) Females -1.2* -1.1* -0.4* -1.1* -1.1* -0.5			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	7.0 7.2 5.2 7.3 6.0 4.0	100,00 Males 9.4 9.7 6.5 9.9 7.9 5.1	5.2 5.4 4.2 5.4 4.7 3.2	Total -1.0* -0.9* -0.4* -0.8* -1.2* 0.6	AAPC (% Males -0.8* -0.7* -0.4 -0.7* -1.3* -0.5) Females -1.2* -1.1* -0.4* -1.1* -1.1* -1.8*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	7.0 7.2 5.2 7.3 6.0 4.0	100,00 Males 9.4 9.7 6.5 9.9 7.9 5.1	5.2 5.4 4.2 5.4 4.7 3.2	Total -1.0* -0.9* -0.4* -0.8* -1.2* 0.6	AAPC (% Males -0.8* -0.7* -0.4 -0.7* -1.3* -0.5	Females -1.2* -1.1* -0.4* -1.1* -1.1* -1.5			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and $\bar{\text{R}}\text{ural Georgia.}$

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATT/RG.

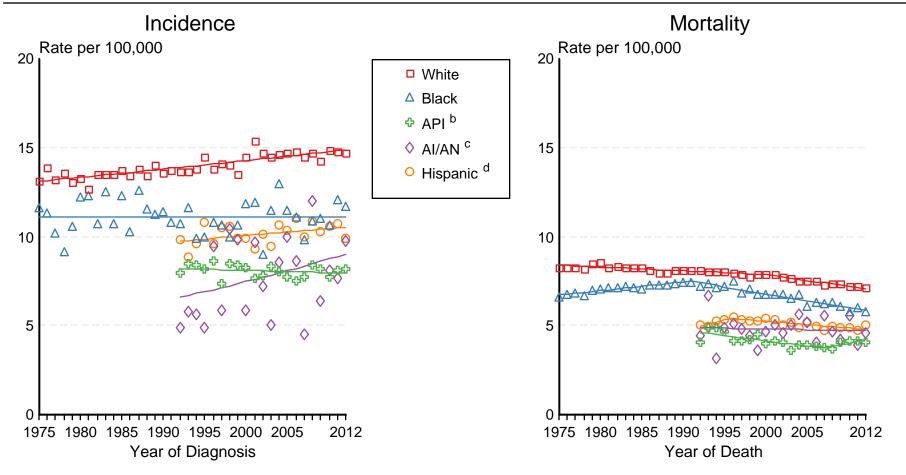
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

The APC is significantly different from zero (p<.05).

Figure 13.3

SEER Incidence and US Death Rates^a Leukemia, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 14.15 Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2			ER 13 Ar ld 2003- AAPC (%	2012 ^c	Tren	R 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	<u>Total</u>	Males	Females
All Races	8.2	12.7	4.3	3.1*	3.4*	2.4*	4.0*	3.8*	2.7*
White White Hispanic ^e White Non-Hispanic ^e	7.2 13.1 6.3	11.2 19.9 9.8	3.7 7.3 3.2	4.2* 3.1* 4.1*	3.9* 3.2* 3.6*	3.6* 2.5* 3.7*	4.6* - -	4.0* - -	4.1* - -
Black	9.8	16.2	4.8	3.8*	4.2*	2.8*	3.9*	3.9*	2.8*
Asian/Pacific Islander	13.7	20.9	7.9	-0.9	0.5	0.3	_	-	-
Amer Ind/Alaska Nat ^f	13.6	19.9	8.4	2.7*	3.3*	1.4	_	-	-
Hispanic ^e	12.5	19.1	7.0	3.1*	3.2*	2.5*	-	-	-
U.S. Mortality ^g									
o.b. Horearrey		2008-2	012 O persons		d 2003- AAPC (%				
RACE/ETHNICITY		100,00			AAPC (%				
	Rate per	100,00	0 persons		AAPC (%)			
RACE/ETHNICITY	Rate per	100,000 Males	D persons Females	Total	AAPC (% Males) Females			
RACE/ETHNICITY All Races White White Hispanice	Rate per Total 6.0 5.5 9.4	8.8 8.1 13.6	O persons Females 3.5 3.3 5.9	Total 2.7* 2.9* 2.0*	AAPC (% Males 2.8* 2.9* 2.0*	2.1* 2.1* 1.7*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Rate per Total 6.0 5.5 9.4 5.2	8.8 8.1 13.6 7.6	3.5 3.3 5.9 3.1	Total 2.7* 2.9* 2.0* 2.8*	AAPC (% Males 2.8* 2.9* 2.0* 2.9*	2.1* 2.1* 1.7* 2.0*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Rate per Total 6.0 5.5 9.4 5.2 7.9	8.8 8.1 13.6 7.6	3.5 3.3 5.9 3.1 4.3	Total 2.7* 2.9* 2.0* 2.8* 2.6*	AAPC (% Males 2.8* 2.9* 2.0* 2.9* 2.3*	2.1* 2.1* 1.7* 2.0* 1.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

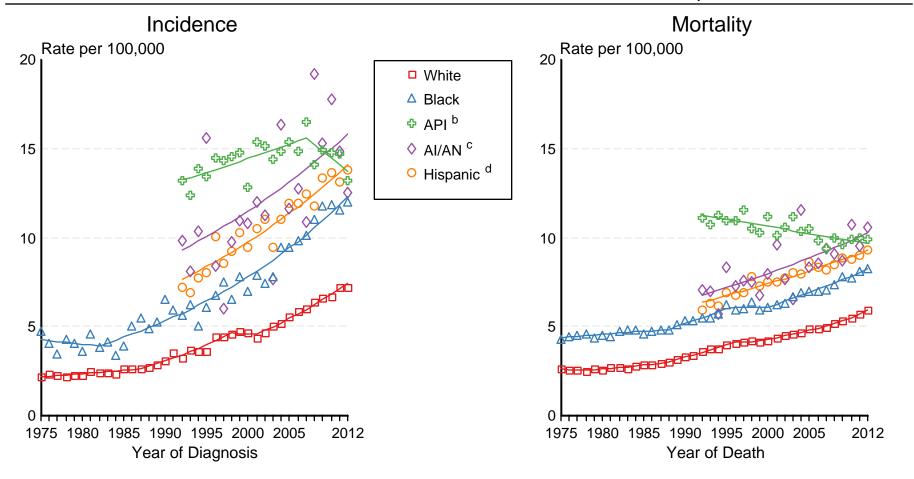
- Louisiana, New Jersey, and Georgia excluding ATL/RG.
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

The APC is significantly different from zero (p<.05).

Figure 14.2

SEER Incidence and US Death Rates^a Cancer of the Liver and Intrahepatic Bile Duct, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 15.21 Lung and Bronchus (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2 100,00			ER 13 Ar nd 2003- AAPC (%	2012 ^c	Tren	R 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	Total_	Males	Females	Total	Males	Females	Total	Males	Females
All Races	58.7	70.1	50.2	-2.0*	-2.7*	-1.3*	-1.7*	-2.4*	-1.0*
White White Hispanic ^e White Non-Hispanic ^e	60.2 31.4 64.6	70.3 39.3 74.8	52.7 25.9 56.9	-2.0* -1.3* -1.8*	-2.1*	-0.4*	-1.7* - -	-2.4* - -	-1.0* - -
Black	67.0	90.9	50.8	-2.3*	-2.6*	-1.3*	-1.7*	-2.7*	0.1
Asian/Pacific Islander	37.1	49.0	28.5	-1.3*	-2.3*	0.3	-	-	_
Amer Ind/Alaska Nat ^f	39.9	47.6	34.5	-0.7	-1.5*	0.5	-	=	-
Hispanic ^e	30.4	37.9	25.1	-1.3*	-2.1*	-0.4*	-	-	-
U.S. Mortality ^g									
		2008-2 100,00	012 0 persons		nd 2003- AAPC (%)				
RACE/ETHNICITY		100,00			AAPC (%)				
	Rate per	100,00	0 persons		AAPC (%))			
RACE/ETHNICITY	Rate per <u>Total</u>	100,00 Males	0 persons Females	Total -2.0* -1.9* -2.3*	Males -2.7* -2.6*	Females -1.4* -1.3* -1.2*			
RACE/ETHNICITY All Races White White Hispanice	Total 47.2 47.9 21.3	59.8 59.7 30.9	0 persons Females 37.8 39.1 14.4	Total -2.0* -1.9* -2.3*	AAPC (%) Males -2.7* -2.6* -2.8*	Females -1.4* -1.3* -1.2*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Total 47.2 47.9 21.3 50.4	59.8 59.7 30.9 62.2	0 persons Females 37.8 39.1 14.4 41.4	Total -2.0* -1.9* -2.3* -1.8*	AAPC (% Males -2.7* -2.6* -2.8* -2.5* -3.4*	-1.4* -1.3* -1.2* -1.7*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Total 47.2 47.9 21.3 50.4	59.8 59.7 30.9 62.2	0 persons Females 37.8 39.1 14.4 41.4 35.8	Total -2.0* -1.9* -2.3* -1.8* -2.5* -1.2*	AAPC (% Males -2.7* -2.6* -2.8* -2.5* -3.4* -1.6* -2.0* -3.2*	-1.4* -1.3* -1.2* -1.2* -1.7* -0.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATL/RG.
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

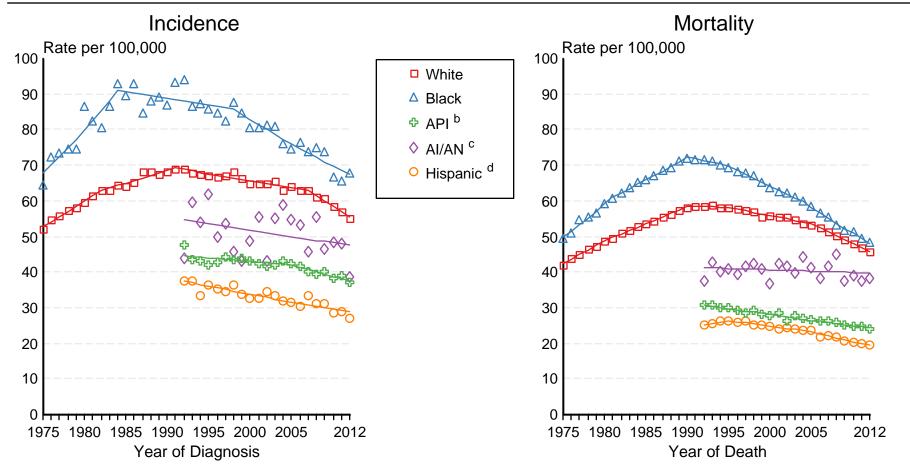
The APC is significantly different from zero (p<.05).

Figure 15.4

SEER Incidence and US Death Rates^a Cancer of the Lung and Bronchus, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 16.15 Melanoma of the Skin (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2			ER 13 Ar nd 2003- AAPC (%	2012 ^c	Tren	R 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	Total_	Males	Females	Total	Males	Females	Total	Males	Females
All Races	21.6	28.2	16.8	1.0*	1.2*	0.5	1.4*	1.6*	0.8
White	25.6	33.0	20.2	1.1*	1.3*	0.9	1.5*	1.7*	1.2*
White Hispanic ^e	4.6	5.0	4.5	0.9*	1.4*		-	-	-
White Non-Hispanic ^e	30.2	38.2	24.2	1.5*	1.6*	1.3*	-	_	-
Black	1.1	1.2	1.0	1.8	-2.7*	0.4	0.0	-0.2	0.0
Asian/Pacific Islander	1.3	1.6	1.1	0.6	1.4	0.0	-	-	-
Amer Ind/Alaska Nat ^f	4.0	3.4	4.5	1.6	0.8	2.1	-	-	-
Hispanic ^e	4.5	4.8	4.5	0.7	1.1*	0.3	-	-	_
U.S. Mortality ^g									
o.b. Horearrey		2008-2	012 0 persons		nd 2003- AAPC (%				
o.o. norearrey		100,00			AAPC (%				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)			
	Rate per	100,00	0 persons		AAPC (%) Females			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (% <u>Males</u>	Females -0.5*			
RACE/ETHNICITY All Races White White Hispanice	Rate per Total 2.7	100,000 Males 4.1 4.6 1.1	0 persons Females 1.7 2.0 0.6	Total 0.0 0.2* -0.2	AAPC (% Males 0.3* 0.4* 0.0	Females -0.5* -0.3* -0.4			
RACE/ETHNICITY All Races White	Rate per Total 2.7 3.1	100,00 Males 4.1 4.6	0 persons Females 1.7 2.0	0.0 0.2*	Males 0.3*	Females -0.5* -0.3*			
RACE/ETHNICITY All Races White White Hispanice	2.7 3.1 0.8	100,000 Males 4.1 4.6 1.1	0 persons Females 1.7 2.0 0.6	Total 0.0 0.2* -0.2	AAPC (% Males 0.3* 0.4* 0.0	Females -0.5* -0.3* -0.4			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	2.7 3.1 0.8 3.4	4.1 4.6 1.1 5.0	0 persons Females 1.7 2.0 0.6 2.1	0.0 0.2* -0.2 0.4*	Males 0.3* 0.4* 0.0 0.6*	-0.5* -0.3* -0.4 0.0			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	2.7 3.1 0.8 3.4 0.4 0.4	100,00 Males 4.1 4.6 1.1 5.0 0.5	0 persons Females 1.7 2.0 0.6 2.1 0.4 0.3	Total 0.0 0.2* -0.2 0.4* -1.0*	AAPC (% Males 0.3* 0.4* 0.0 0.6* -0.2 -1.3	-0.5* -0.3* -0.4 0.0 -1.7*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Rate per Total 2.7 3.1 0.8 3.4 0.4 0.4 0.7	100,00 Males 4.1 4.6 1.1 5.0 0.5 0.4	0 persons Females 1.7 2.0 0.6 2.1 0.4 0.3	Total 0.0 0.2* -0.2 0.4* -1.0* -0.8	AAPC (% Males 0.3* 0.4* 0.0 0.6* -0.2 -1.3	Pemales -0.5* -0.3* -0.4 0.0 -1.7* -0.3			
RACE/ETHNICITY All Races White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S. CHSDA Counties	Rate per Total 2.7 3.1 0.8 3.4 0.4 0.4 0.7 1.0	100,00 Males 4.1 4.6 1.1 5.0 0.5 0.4	0 persons Females 1.7 2.0 0.6 2.1 0.4 0.3 0.6 0.7	Total 0.0 0.2* -0.2 0.4* -1.0* -0.8	AAPC (% Males 0.3* 0.4* 0.0 0.6* -0.2 -1.3 2.3 4.0*	Pemales -0.5* -0.3* -0.4 0.0 -1.7* -0.3			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Rate per Total 2.7 3.1 0.8 3.4 0.4 0.4 0.7	100,00 Males 4.1 4.6 1.1 5.0 0.5 0.4	0 persons Females 1.7 2.0 0.6 2.1 0.4 0.3	Total 0.0 0.2* -0.2 0.4* -1.0* -0.8	AAPC (% Males 0.3* 0.4* 0.0 0.6* -0.2 -1.3	Pemales -0.5* -0.3* -0.4 0.0 -1.7* -0.3			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

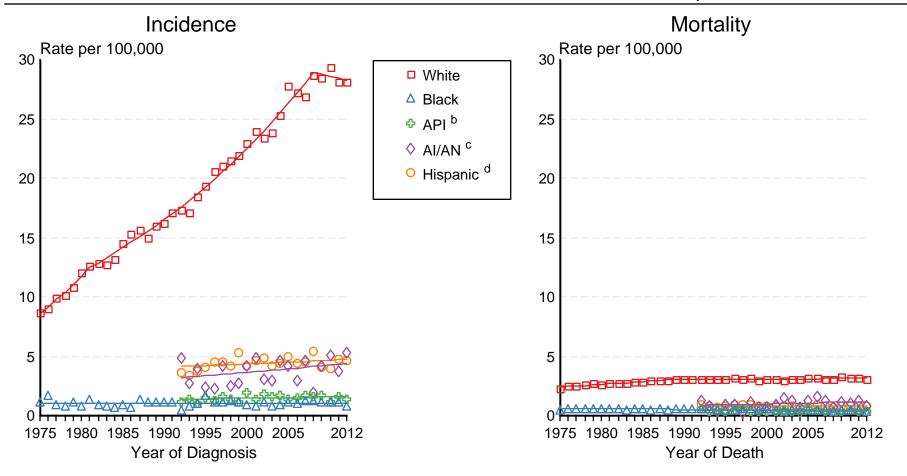
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATL/RG.
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012. The APC is significantly different from zero (p<.05).

Figure 16.2

SEER Incidence and US Death Rates^a Melanoma of the Skin, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 17.11 Mesothelioma

SEER Incidence Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence		18 Area 2008-20 100,000	012		ER 13 Ar nd 2003-2 AAPC (%	2012 ^c		ER 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	<u>Total</u>	Males	Females	Total	Males	Females	<u>Total</u>	Males	Females
All Races	1.0	1.8	0.4	-1.0*	-1.4*	0.0	-1.0*	-1.5*	-0.1
White White Hispanic ^e White Non-Hispanic ^e	1.1 0.9 1.1	2.0 1.7 2.1	0.5 0.4 0.5		-1.1* -1.8* -1.0*	0.4 -1.1 0.5	-0.6* - -	-1.2* - -	0.7* - -
Black	0.5	1.0	0.2	-3.6*	-3.9*	-2.3	-5.2*	-6.3*	-
Asian/Pacific Islander	0.3	0.6	0.2	-1.1	-1.1	-0.4	-	-	-
Amer Ind/Alaska Natf	0.9	-	-	-	-	-	-	-	-
Hispanic ^e	0.9	1.6	0.4	-3.0*	-1.7*	-1.2	_	_	_

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC is significantly different from zero (p<.05).

Table 18.15 Myeloma

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2 100,00			ER 13 Ar nd 2003- AAPC (%	2012 ^c	Trend	R 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total_	Males	Females
All Races	6.3	7.9	5.1	0.6*	0.7*	0.4*	0.8*	0.8*	0.6*
White White Hispanic ^e White Non-Hispanic ^e	5.8 6.0 5.7	7.5 7.5 7.5	4.5 4.9 4.4	0.6* 0.1 0.6*	0.7* 0.2 0.7*	0.3 -0.1 0.3	0.7*	0.8*	0.5* - -
Black	12.8	15.1	11.2	0.7*	1.1*	0.4	0.8*	0.8*	0.9*
Asian/Pacific Islander	3.7	4.6	3.0	0.5	0.5	0.6	_	_	_
Amer Ind/Alaska Nat ^f	4.4	4.6	4.2	-0.6	-1.6	0.0	_	-	_
Hispanic ^e	5.9	7.3	4.8	0.1	0.3	-0.2	_	-	-
U.S. Mortality ^g									
o.b. Morearrey		2008-2	012 0 persons		nd 2003- AAPC (%				
RACE/ETHNICITY		100,00			AAPC (%				
	Rate per	100,00	0 persons		AAPC (%) Females			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (% Males -1.0*	Females -1.1* -1.2* -0.6			
RACE/ETHNICITY All Races White White Hispanice	3.3 3.1 2.9	100,00 Males 4.2 4.0 3.6	0 persons Females 2.7 2.4 2.4	Total -0.9* -0.9* -0.5	AAPC (% Males -1.0* -0.8* -0.5	Females -1.1* -1.2* -0.6			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	3.3 3.1 2.9 3.1	100,00 Males 4.2 4.0 3.6 4.0	0 persons Females 2.7 2.4 2.4 2.4	Total -0.9* -0.9* -0.5 -0.9*	AAPC (% Males -1.0* -0.8* -0.5 -1.0*	-1.1* -1.2* -0.6 -1.4*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	3.3 3.1 2.9 3.1 6.2	100,00 Males 4.2 4.0 3.6 4.0 7.6	0 persons Females 2.7 2.4 2.4 2.4 5.3	Total -0.9* -0.9* -0.5 -0.9* -1.6*	AAPC (% Males -1.0* -0.8* -0.5 -1.0* -1.5* -0.1	-1.1* -1.2* -0.6 -1.4* -1.1 -0.8			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and $\bar{\text{R}}\text{ural Georgia.}$

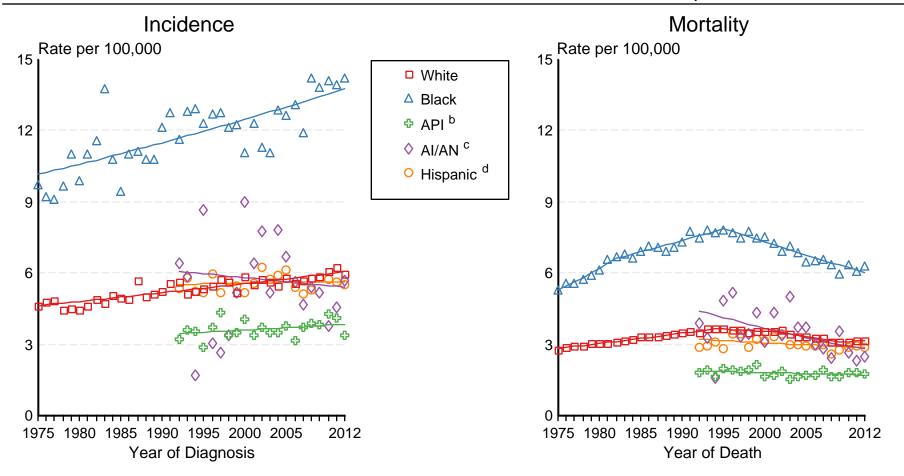
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATL/RG.
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

Figure 18.2

SEER Incidence and US Death Rates^a Myeloma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 19.19 Non-Hodgkin Lymphoma

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2 100,00			ER 13 And 2003- AAPC (9	2012 ^c		ER 9 Are d 2003-2 AAPC (%	2012 ^d
	Total	Males	Females	<u>Total</u>	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	19.7	23.9	16.3	-0.6	-0.5	-0.5	-0.3	0.3*	-0.6*
White	20.6	24.9	17.1	-0.5	-0.5	-0.5	-0.4	-0.4	-0.7*
White Hispanic ^e White Non-Hispanic ^e	18.5 21.0	21.4 25.5	16.1 17.3	-0.4 -0.5	0.2 -0.4	0.8* -0.7*	-	- -	_
white Non-Hispanic	21.0	25.5	17.3	-0.5	-0.4	-0.7	_	_	_
Black	14.6	17.8	12.1	-0.5	-0.3	0.4	0.4	-0.4	-0.3
Asian/Pacific Islander	13.6	16.6	11.3	0.2	0.2	0.3	-	-	-
Amer Ind/Alaska Nat ^f	12.6	14.6	11.1	2.0*	1.2	2.5*	-	-	-
Hispanic ^e	17.8	20.6	15.5	-0.5	0.2	0.8*	-	-	-
U.S. Mortality ^g									
		2008-2			nd 2003-				
	Rate per	100,00	0 persons		AAPC (%)			
RACE/ETHNICITY		100,00			AAPC (%				
RACE/ETHNICITY All Races	Rate per	100,00	0 persons		AAPC (% Males) Females			
	Rate per	100,00 Males	0 persons Females	Total	AAPC (% Males -2.2*	Females -2.9*			
All Races White White Hispanic ^e	Rate per	100,00 Males 7.9	0 persons Females 4.8 5.0 4.5	Total -2.5* -2.5* -0.9*	AAPC (% Males -2.2* -2.2* -1.6*	Females -2.9* -2.9* -1.9*			
All Races	Rate per Total 6.2 6.4	100,00 Males 7.9 8.2	0 persons Females 4.8 5.0	Total -2.5* -2.5* -0.9*	AAPC (% Males -2.2* -2.2*	Females -2.9* -2.9* -1.9*			
All Races White White Hispanic ^e	Rate per	100,00 Males 7.9 8.2 6.7	0 persons Females 4.8 5.0 4.5	Total -2.5* -2.5* -0.9*	AAPC (% Males -2.2* -2.2* -1.6*	Pemales -2.9* -2.9* -1.9* -3.0*			
All Races White White Hispanic ^e White Non-Hispanic ^e	Rate per Total 6.2 6.4 5.5 6.5	7.9 8.2 6.7 8.3	0 persons Females 4.8 5.0 4.5 5.0	Total -2.5* -2.5* -0.9* -2.5*	AAPC (% Males -2.2* -2.2* -1.6* -2.5*	Pemales -2.9* -2.9* -1.9* -3.0* -2.4*			
All Races White White Hispanice White Non-Hispanice Black	Rate per Total 6.2 6.4 5.5 6.5 4.4	100,00 Males 7.9 8.2 6.7 8.3 5.7	0 persons Females 4.8 5.0 4.5 5.0 3.5	Total -2.5* -2.5* -0.9* -2.5* -2.4*	AAPC (% Males -2.2* -2.2* -1.6* -2.5* -2.4*	Pemales -2.9* -2.9* -1.9* -3.0* -2.4*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Rate per Total 6.2 6.4 5.5 6.5 4.4 4.1	100,00 Males 7.9 8.2 6.7 8.3 5.7 5.0	0 persons Females 4.8 5.0 4.5 5.0 3.5 3.4	Total -2.5* -2.5* -0.9* -2.5* -2.4* -2.0*	AAPC (% Males -2.2* -2.2* -1.6* -2.5* -2.4* -2.2*	Pemales -2.9* -2.9* -1.9* -3.0* -2.4* -1.6*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S. CHSDA Counties	Rate per Total 6.2 6.4 5.5 6.5 4.4 4.1	100,00 Males 7.9 8.2 6.7 8.3 5.7 5.0 3.9 5.7	0 persons Females 4.8 5.0 4.5 5.0 3.5 3.4	Total -2.5* -2.5* -0.9* -2.5* -2.4* -2.0*	AAPC (% Males -2.2* -2.2* -1.6* -2.5* -2.4* -2.2*	Pemales -2.9* -2.9* -1.9* -3.0* -2.4* -1.6*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Rate per Total 6.2 6.4 5.5 6.5 4.4 4.1	100,00 Males 7.9 8.2 6.7 8.3 5.7 5.0	0 persons Females 4.8 5.0 4.5 5.0 3.5 3.4	Total -2.5* -2.5* -0.9* -2.5* -2.4* -2.0*	AAPC (% Males -2.2* -2.2* -1.6* -2.5* -2.4* -2.2*	Pemales -2.9* -2.9* -1.9* -3.0* -2.4* -1.6*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and $\bar{\text{R}}\text{ural Georgia.}$

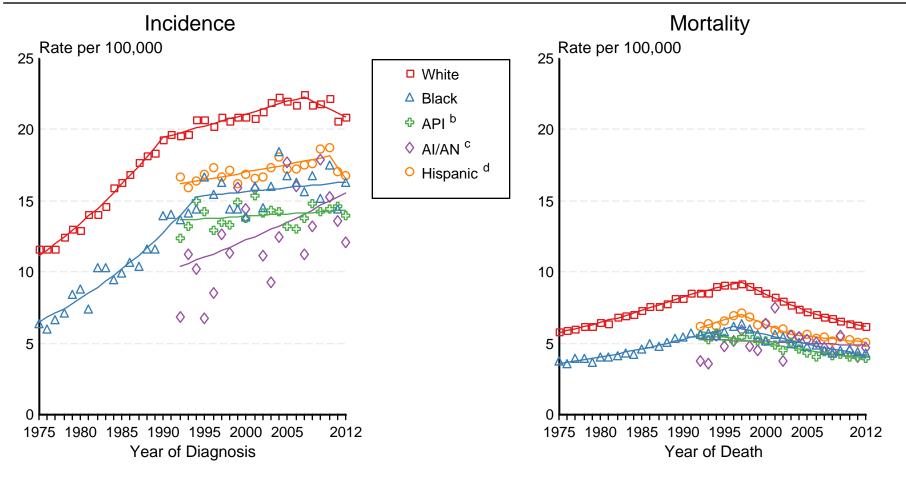
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATT/RG.

 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012. The APC is significantly different from zero (p<.05).

SEER Incidence and US Death Rates^a Non-Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 20.19 Cancer of the Oral Cavity and Pharynx (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are = 2008-2			ER 13 Ar d 2003-: AAPC (%	2012 ^c	Trend	R 9 Area d 2003-2 AAPC (%	012 ^d
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY			_						_
All Races	11.0	16.5	6.3	0.4	0.2	-0.7*	0.5	0.3	0.2
White	11.5	17.1	6.4	0.9*		0.4	0.9*	0.7*	0.5
White Hispanic ^e	7.0	10.5	4.2	1.5	-0.6		-	_	-
White Non-Hispanic ^e	12.3	18.4	6.9	1.0*	0.9*	0.5	_	-	_
Black	9.3	14.6	5.2	-2.6*	-2.9*	-1.7*	-2.5*	-3.1*	-1.6*
Asian/Pacific Islander	7.6	11.0	4.9	-1.0*	-1.1*	-0.7*	_	-	-
Amer Ind/Alaska Natf	8.8	13.2	5.2	-1.3	4.5	0.3	-	-	-
Hispanic ^e	6.8	10.1	4.0	1.3	-0.6	-0.5	-	-	-
U.S. Mortality ^g		2008-2 100,00	012 0 persons		id 2003-: AAPC (%)				
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	2.5	3.8	1.4	-0.5	-0.3	-1.3*			
White	2.4	3.7	1.3	-0.2	0.0	-1.1*			
White Hispanic ^e	1.6	2.5	0.8	-0.5	-1.1*				
White Non-Hispanic ^e	2.5	3.8	1.4	-0.1	0.2	-1.0*			
Black	2.9	5.0	1.3	-3.7*	-2.4	-3.4*			
Asian/Pacific Islander	1.9	2.9	1.2	-2.1*	-2.3*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	1.7	2.6	1.0		-2.4*				
CHSDA Counties	2.2	3.6	1.2	-1.6*	-1.8	-1.1			
Non-CHSDA Counties	1.2	1.5	0.9	-1.8	-	-			
Hispanic ^e	1.5	2.4	0.8	-0.8	-1.4*	-0.8			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

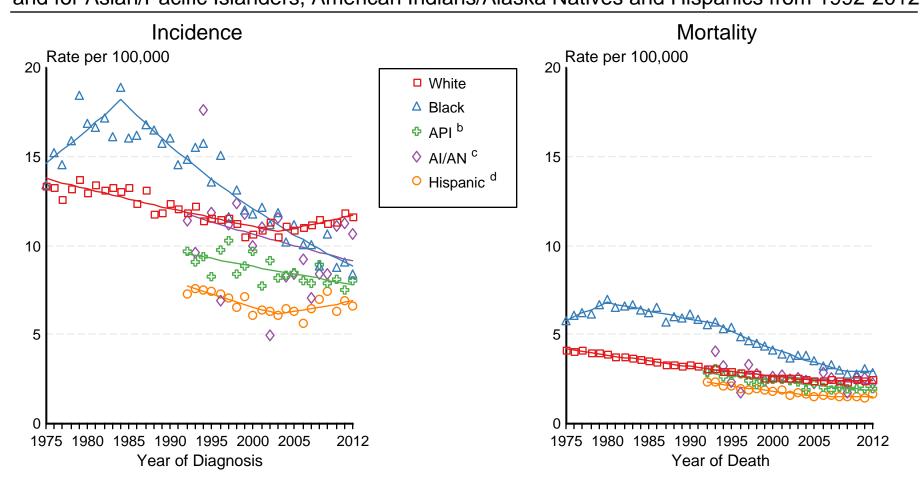
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATL/RG.
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012. The APC is significantly different from zero (p<.05).

Utah, and Atlanta.

SEER Incidence and US Death Rates^a Cancer of the Oral Cavity and Pharynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

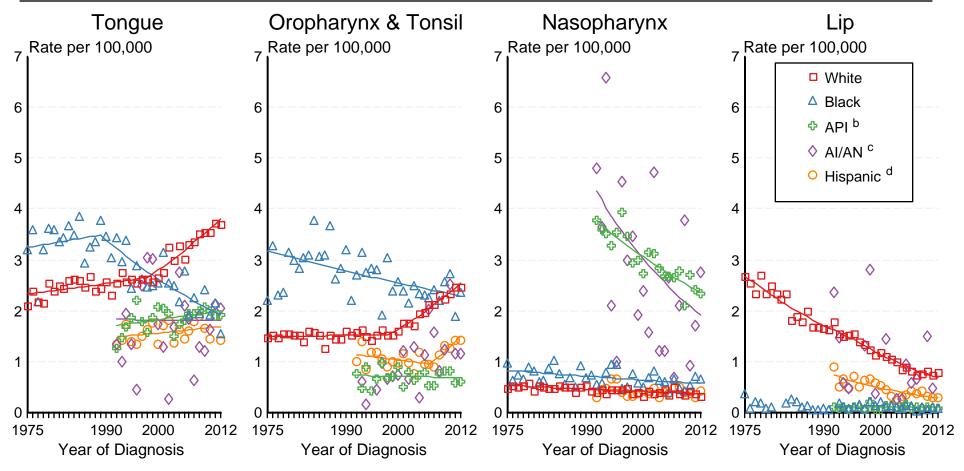
b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

SEER Incidence Rates^a

Cancer of the Oral Cavity and Pharangeal for Selected Subsites, Both Sexes
Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints. Regression lines could not be calculated for data series that had at least one diagnosis year with a 0 case count.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Table 21.11 Cancer of the Ovary (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	12.1	-1.0*	-1.1*
White	12.8	-1.0*	-1.1*
White Hispanic ^e	11.6	-0.3	_
White Non-Hispanic ^e	12.9	-1.1*	-
Black	9.8	-0.4	-0.4*
Asian/Pacific Islander	9.4	-0.5*	-
Amer Ind/Alaska Nat ^f	10.0	0.1	-
Hispanic ^e	11.0	-0.3	-
U.S. Mortality ^g	Rate 2008-2012 Rate per 100,000 persons	Trend 2003-2012 ^h AAPC (%)	
	Females	Females	
RACE/ETHNICITY	remates	remates	
All Races	7.7	-2.0*	
White	8.0	-2.0*	
White Hispanic ^e	5.9	-0.4*	
White Non-Hispanic ^e	8.2	-2.0*	
Black	6.7	-1.3	
Asian/Pacific Islander	4.6	-0.3	
Amer Ind/Alaska Nat			
Total U.S.	5.2	-0.2	
CHSDA Counties	6.7	0.3	
Non-CHSDA Counties	3.4	-0.2	
Hispanic ^e	5.6	-0.5*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATT/RG.

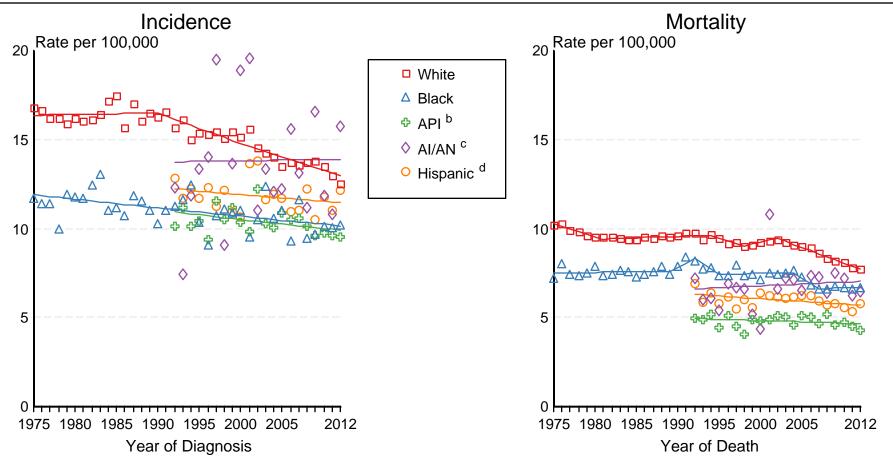
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.
- The APC is significantly different from zero (p<.05).

Utah, and Atlanta.

Figure 21.3

SEER Incidence and US Death Rates^a Cancer of the Ovary

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473. Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

- Rates are age-adjusted to the 2000 US Std Population (19 age groups Census P25-1103).
 Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.
- b API = Asian/Pacific Islander.
- c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 22.15 Cancer of the Pancreas (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2 100,00			ER 13 Ar nd 2003- AAPC (%	2012 ^c	Tren	R 9 Are d 2003-2 AAPC (%	2012 ^d
D. CD / DDING CT.	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	12.4	14.0	11.0	0.8*	1.0	0.7*	0.8*	1.1	1.3*
White	12.3	14.0	10.8	0.9*	0.8*		1.1*	1.1*	1.3*
White Hispanic ^e	11.5	12.4	10.7	0.6*	0.8*		_	-	_
White Non-Hispanic ^e	12.4	14.3	10.9	1.1*	0.8*	0.8*	_	-	-
Black	15.7	17.2	14.4	0.0	-0.4	-0.1	-0.1	-0.5*	0.2
Asian/Pacific Islander	9.9	10.8	9.3	0.7*	0.0	1.3*	-	-	-
Amer Ind/Alaska Nat ^f	9.9	11.1	8.9	-0.3	2.3*	0.8	_	-	_
Hispanic ^e	11.1	11.9	10.3	0.6*	0.8*	0.3	-	-	-
U.S. Mortality ^g									
		2008-2	012 O persons		nd 2003- AAPC (%				
		100,00			AAPC (%				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)			
RACE/ETHNICITY All Races	Rate per	100,00	0 persons		AAPC (%) Females			
	Rate per	100,00 Males	0 persons Females	Total	AAPC (% <u>Males</u>	Females 0.4*			
All Races	Rate per	100,00 Males 12.6	0 persons Females 9.6		AAPC (% Males 0.3*) Females 0.4* 0.5*			
All Races White	Rate per Total 10.9 10.8	100,00 Males 12.6 12.5	9.6	Total 0.3* 0.5*	Males 0.3*	0.4* 0.5* 0.5*			
All Races White White Hispanic ^e	Total 10.9 10.8 9.1	100,00 Males 12.6 12.5 10.3	9.6 9.4 8.1	Total 0.3* 0.5* 0.5*	AAPC (% <u>Males</u> 0.3* 0.4* 0.4*	0.4* 0.5* 0.5* 0.4*			
All Races White White Hispanice White Non-Hispanice	Total 10.9 10.8 9.1 11.0	100,00 Males 12.6 12.5 10.3 12.7	9.6 9.4 8.1 9.5	0.3* 0.5* 0.5* 0.5*	AAPC (% Males 0.3* 0.4* 0.4* 0.4*	0.4* 0.5* 0.5* 0.4*			
All Races White White Hispanice White Non-Hispanice Black	Total 10.9 10.8 9.1 11.0 13.5	100,00 Males 12.6 12.5 10.3 12.7 15.0	9.6 9.4 8.1 9.5	Total 0.3* 0.5* 0.5* 0.5* -0.4*	AAPC (% Males 0.3* 0.4* 0.4* 0.4*	0.4* 0.5* 0.5* 0.4* -0.4*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	Total 10.9 10.8 9.1 11.0 13.5 7.8	100,00 Males 12.6 12.5 10.3 12.7 15.0	9.6 9.4 8.1 9.5 12.3 7.3	Total 0.3* 0.5* 0.5* 0.5* -0.4*	AAPC (% Males 0.3* 0.4* 0.4* -0.6* 1.1	0.4* 0.5* 0.5* 0.4* -0.4* -0.4*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	10.9 10.8 9.1 11.0 13.5 7.8	100,00 Males 12.6 12.5 10.3 12.7 15.0 8.4	9.6 9.4 8.1 9.5 12.3	Total 0.3* 0.5* 0.5* 0.5* 0.5* -0.4*	AAPC (% Males 0.3* 0.4* 0.4* -0.6* 0.4	0.4* 0.5* 0.4* -0.4* 0.7*			
All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Total 10.9 10.8 9.1 11.0 13.5 7.8	100,00 Males 12.6 12.5 10.3 12.7 15.0 8.4	9.6 9.4 8.1 9.5 12.3 7.3	Total 0.3* 0.5* 0.5* 0.5* 0.5* 0.3*	AAPC (% Males 0.3* 0.4* 0.4* -0.6* 1.1	0.4* 0.5* 0.5* 0.4* -0.4* -0.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

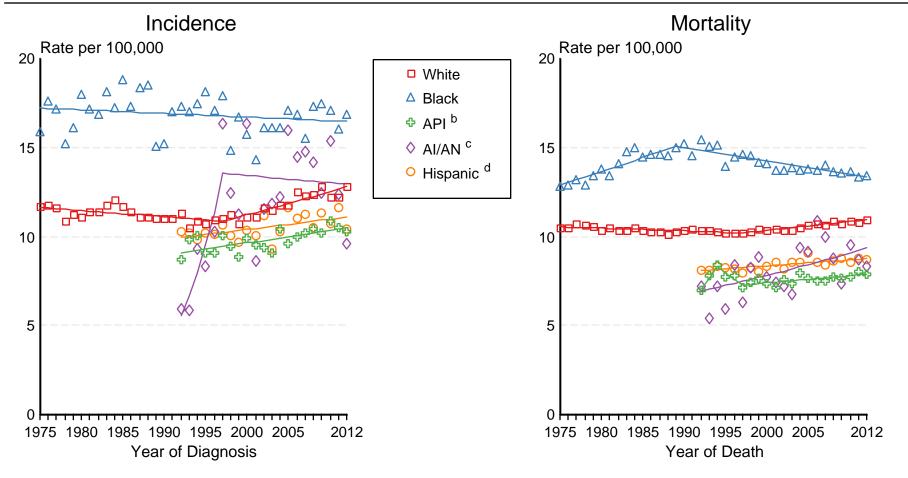
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATT/RG.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over

- diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012. The APC is significantly different from zero (p<.05).

SEER Incidence and US Death Rates^a Cancer of the Pancreas, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 23.11 Cancer of the Prostate (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)
	Males	Males	Males
RACE/ETHNICITY			
All Races	137.9	-4.4*	-4.3*
White	130.4	-4.7*	-4.7*
White Hispanic ^e	113.1	-5.1*	_
White Non-Hispanic ^e	133.4	-4.7*	-
Black	214.5	-3.9*	-4.0*
Asian/Pacific Islander	74.0	-4.6*	-
Amer Ind/Alaska Nat ^f	67.1	-2.1*	-
Hispanic ^e	114.7	-4.7*	-
U.S. Mortality ^g	Rate 2008-2012 Rate per 100,000 persons	Trend 2003-2012 ^h AAPC (%)	
	Males	Males	
RACE/ETHNICITY			
All Races	21.4	-3.6*	
White	19.8	-3.4*	
White Hispanic ^e	18.4	-2.4*	
White Non-Hispanic ^e	19.9	-3.4*	
Black	46.3	-4.0*	
Asian/Pacific Islander	9.4	-3.4*	
Amer Ind/Alaska Nat			
Total U.S.	16.1	-2.6*	
CHSDA Counties	20.2	-1.7*	
Non-CHSDA Counties	11.3	-3.8*	
Hispanic ^e	17.8	-2.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and $\bar{\text{R}}\text{ural Georgia.}$

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATT/RG.

 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

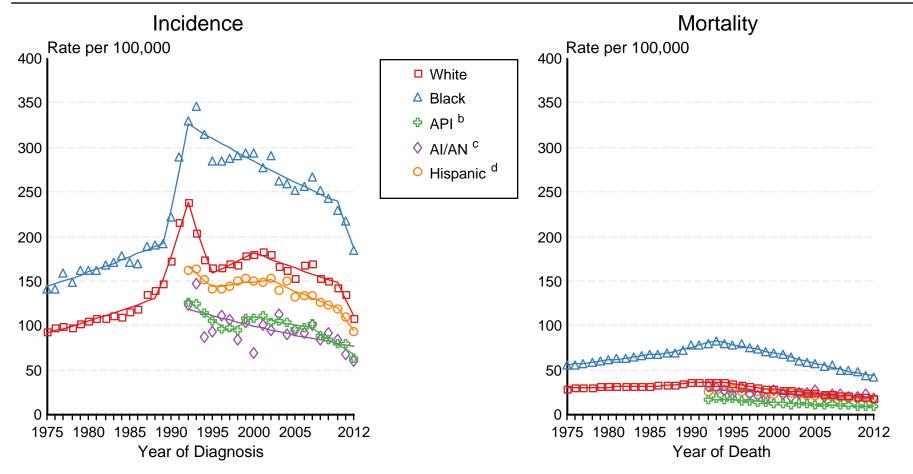
The APC is significantly different from zero (p<.05).

Utah, and Atlanta.

Figure 23.3

SEER Incidence and US Death Rates^a Cancer of the Prostate

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 24.15 Cancer of the Stomach (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2008-2 100,00			ER 13 Ar d 2003- AAPC (%	2012 ^c	Tren	R 9 Are d 2003-2 AAPC (%	2012 ^d
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/EIHNICIII									
All Races	7.4	10.1	5.3	-1.2*	-1.7*	-0.7*	-1.5*	-1.8*	-0.8*
White	6.6	9.2	4.5	-1.1*	-1.6*	-0.7*	-0.9*	-1.8*	-1.0*
White Hispanic ^e	11.3	14.8	8.7	-1.3*	-1.8*	-1.0*	-	_	_
White Non-Hispanic ^e	5.8	8.3	3.7	-1.5*	-1.9*	-1.3*	-	-	-
Black	10.9	14.6	8.4	-1.6*	-2.2*	-0.9*	-1.4*	-2.0*	-0.8*
Asian/Pacific Islander	11.2	14.5	8.8	-3.0*	-3.1*	-2.8*	_	=	-
Amer Ind/Alaska Nat ^f	9.5	12.3	7.5	-0.5	-0.7	0.1	_	-	-
Hispanic ^e	10.9	14.2	8.4	-1.4*	-1.8*	-1.0*	-	-	-
U.S. Mortality ^g									
<u>0.51 1102 002207</u>		2008-2	012 0 persons		d 2003- AAPC (%)				
0101 1102002207		100,00			AAPC (%)				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%))			
	Rate per	100,00	0 persons		AAPC (%)	Females			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	Males -3.1*	Females -2.6*			
RACE/ETHNICITY All Races	Rate per Total 3.4	100,00 Males 4.6	0 persons Females 2.4		Males -3.1* -3.2*	Females -2.6* -2.7*			
RACE/ETHNICITY All Races White	Rate per Total 3.4 2.9	100,00 Males 4.6 4.0	0 persons Females 2.4 2.1		Males -3.1* -3.2*	-2.6* -2.7* -1.9*			
RACE/ETHNICITY All Races White White Hispanice	3.4 2.9 5.8	100,00 Males 4.6 4.0 7.7	0 persons Females 2.4 2.1 4.5		AAPC (%) Males -3.1* -3.2* -2.4*	-2.6* -2.7* -1.9*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	3.4 2.9 5.8 2.6	100,00 Males 4.6 4.0 7.7 3.6	0 persons Females 2.4 2.1 4.5 1.8	Total -2.7* -3.1* -2.1* -3.3*	Males -3.1* -3.2* -2.4* -3.6*	-2.6* -2.7* -1.9* -3.2* -3.0*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	3.4 2.9 5.8 2.6 6.3	100,00 Males 4.6 4.0 7.7 3.6 9.2	0 persons Females 2.4 2.1 4.5 1.8 4.4	Total -2.7* -3.1* -2.1* -3.3*	-3.1* -3.2* -3.6* -3.2*	-2.6* -2.7* -1.9* -3.2* -3.0*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	3.4 2.9 5.8 2.6 6.3	100,00 Males 4.6 4.0 7.7 3.6 9.2	0 persons Females 2.4 2.1 4.5 1.8 4.4	Total -2.7* -3.1* -2.1* -3.3* -3.3* -3.7*	-3.1* -3.2* -2.4* -3.6* -3.7*	-2.6* -2.7* -1.9* -3.2* -3.0* -3.6*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	3.4 2.9 5.8 2.6 6.3	100,00 Males 4.6 4.0 7.7 3.6 9.2 7.9	0 persons Females 2.4 2.1 4.5 1.8 4.4 4.7	Total -2.7* -3.1* -2.1* -3.3* -3.3* -3.7*	-3.1* -3.2* -3.6* -3.7*	-2.6* -2.7* -1.9* -3.2* -3.0* -3.6*			
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	3.4 2.9 5.8 2.6 6.3 6.0	100,00 Males 4.6 4.0 7.7 3.6 9.2 7.9 4.9	0 persons Females 2.4 2.1 4.5 1.8 4.4 4.7	Total -2.7* -3.1* -2.1* -3.3* -3.3* -3.7*	-3.1* -3.2* -3.6* -3.7*	-2.6* -2.7* -1.9* -3.2* -3.0* -3.6*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

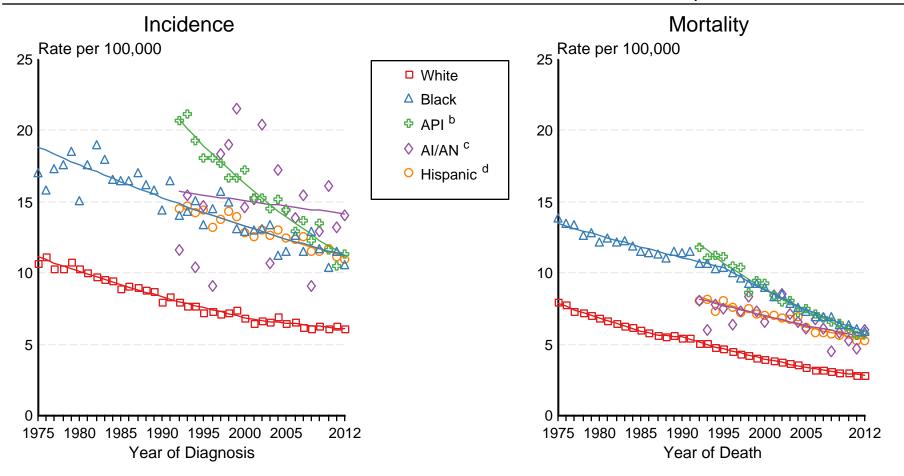
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATL/RG.
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012. The APC is significantly different from zero (p<.05).

Figure 24.2

SEER Incidence and US Death Rates^a Cancer of the Stomach, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 25.11 Cancer of the Testis (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)
	Males	Males	Males
RACE/ETHNICITY			
All Races	5.6	1.1*	0.8*
White	6.7	1.2*	1.0*
White Hispanic ^e	5.2	3.0*	-
White Non-Hispanic ^e	7.2	0.0	-
Black	1.5	0.5	2.0*
Asian/Pacific Islander	2.0	1.1*	-
Amer Ind/Alaska Nat ^f	4.8	3.0*	=
Hispanic ^e	4.9	2.7*	-
U.S. Mortality ^g	Rate 2008-2012 Rate per 100,000 persons	Trend 2003-2012 ^h AAPC (%)	
	Males	Males	
RACE/ETHNICITY			
All Races	0.3	-0.5*	
White	0.3	-0.3	
White Hispanic ^e	0.3	1.1	
White Non-Hispanic ^e	0.3	-0.7*	
Black	0.1	-0.6	
Asian/Pacific Islander	0.1	0.5	
Amer Ind/Alaska Nat Total U.S. CHSDA Counties Non-CHSDA Counties	0.2 0.3 -	- - -	
Hispanic ^e	0.3	1.0	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and $\bar{\text{R}}\text{ural Georgia.}$

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATT/RG.

The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over

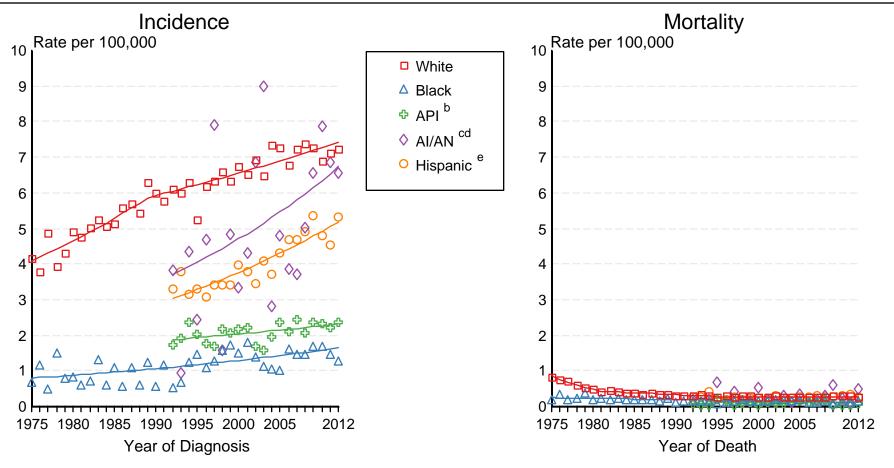
- diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

The APC is significantly different from zero (p<.05).

Utah, and Atlanta.

SEER Incidence and US Death Rates^a Cancer of the Testis

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^c API = Asian/Pacific Islander.

d Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

e Joinpoint could not fit a regression line for American Indian/Alaska Native Mortality due to insufficient data. Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 26.15 Cancer of the Thyroid (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)			SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)			
DAGE /EERING CENT	Total	Males	Females	Total	Males	Females	Total	Males	Females	
RACE/ETHNICITY										
All Races	13.5	6.7	20.0	4.9*	5.2*	5.0*	5.0*	5.4*	5.0*	
White	14.3	7.2	21.3	4.8*	5.3*	4.8*	4.9*	5.6*	4.9*	
White Hispanic ^e	12.1	5.1	19.0	5.0*	4.9*	4.6*	_	-	-	
White Non-Hispanic ^e	15.1	7.8	22.3	4.9*	5.7*	5.0*	-	_	-	
Black	8.0	3.5	11.8	6.5*	5.2*	6.5*	6.2*	3.1*	6.3*	
Asian/Pacific Islander	13.2	6.2	19.3	4.7*	6.2*	4.6*	-	-	_	
Amer Ind/Alaska Nat ^f	8.5	3.7	12.9	3.9*	3.3	3.8*	-	_	_	
Hispanic ^e	11.5	4.8	18.1	4.9*	4.9*	5.1*	-	-	-	
U.S. Mortality ^g	Rate 2008-2012 Rate per 100,000 persons		Trend 2003-2012 ^h AAPC (%)							
o.b. Horearrey										
o.o. norearrey		100,00			AAPC (%					
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)				
	Rate per	100,00	0 persons		AAPC (%) Females				
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (% Males	Females -0.5				
RACE/ETHNICITY All Races	Rate per Total 0.5	100,00 Males 0.5	0 persons Females		AAPC (% Males 1.5*) Females -0.5 -0.5				
RACE/ETHNICITY All Races White	Rate per Total 0.5	100,00 Males 0.5	0 persons Females 0.5 0.5		Males 1.5*	Females -0.5 -0.5 -0.4				
RACE/ETHNICITY All Races White White Hispanice	0.5 0.5 0.6	100,00 Males 0.5 0.5	0 persons Females 0.5 0.5 0.7	Total 0.8* 0.7* 0.2	AAPC (% <u>Males</u> 1.5* 1.5* 1.3	Females -0.5 -0.5 -0.4				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Rate per Total 0.5 0.6 0.5	0.5 0.5 0.5 0.5	0 persons Females 0.5 0.5 0.7 0.5	Total 0.8* 0.7* 0.2 0.7*	AAPC (% Males 1.5* 1.5* 1.5*	-0.5 -0.5 -0.4 -0.7				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Rate per Total 0.5 0.5 0.6 0.5 0.5	100,00 Males 0.5 0.5 0.5 0.5 0.4	0 persons Females 0.5 0.5 0.7 0.5 0.6	Total 0.8* 0.7* 0.2 0.7* 0.9*	AAPC (% Males 1.5* 1.5* 1.5* 1.5*	Pemales -0.5 -0.5 -0.4 -0.7 0.7				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	Rate per Total 0.5 0.5 0.6 0.5 0.5	100,00 Males 0.5 0.5 0.5 0.5 0.4	0 persons Females 0.5 0.5 0.7 0.5 0.6	Total 0.8* 0.7* 0.2 0.7* 0.9*	AAPC (% Males 1.5* 1.5* 1.5* 1.5*	Pemales -0.5 -0.5 -0.4 -0.7 0.7				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	0.5 0.5 0.6 0.5 0.5	100,00 Males 0.5 0.5 0.5 0.5 0.5	0 persons Females 0.5 0.5 0.7 0.5 0.6 0.8	Total 0.8* 0.7* 0.2 0.7* 0.9* -0.2	AAPC (% Males 1.5* 1.5* 1.5* 1.5*	-0.5 -0.5 -0.4 -0.7 0.7				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Rate per Total 0.5 0.5 0.6 0.5 0.7	100,00 Males 0.5 0.5 0.5 0.5 0.5 -	0 persons Females 0.5 0.5 0.7 0.5 0.6 0.8	Total 0.8* 0.7* 0.2 0.7* 0.9* -0.2	AAPC (% Males 1.5* 1.5* 1.5* 0.5	Pemales -0.5 -0.5 -0.4 -0.7 0.7 -0.9				

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

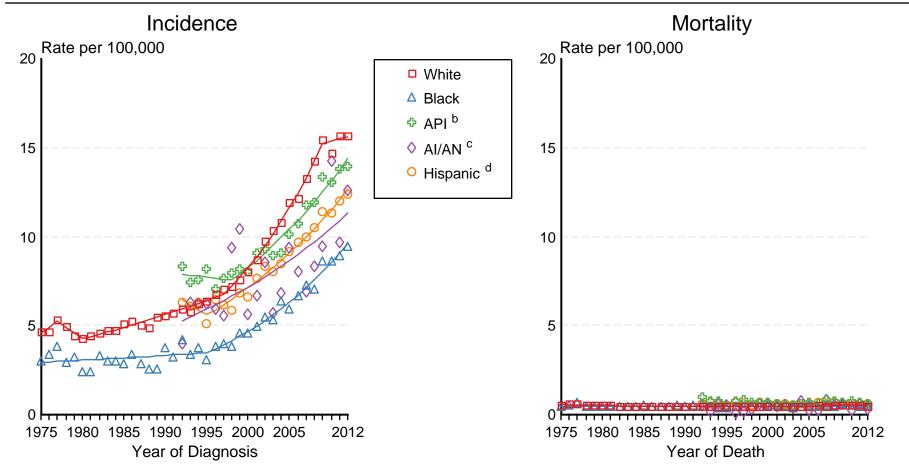
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

- Louisiana, New Jersey, and Georgia excluding ATL/RG.
 The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

The APC is significantly different from zero (p<.05).

SEER Incidence and US Death Rates^a Cancer of the Thyroid, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 27.15 Cancer of the Urinary Bladder

SEER Incidence (Invasive and In Situ) and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)			SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)			
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females	
RACE/ ETIMICITI										
All Races	20.3	35.8	8.7	-0.8*	-0.9*	-1.1*	-0.6*	-0.7*	-1.0*	
White	22.2	39.0	9.4	-0.6*	-0.8*	-1.0*	-0.5*	-0.7*	-1.0*	
White Hispanic ^e	11.5	20.2	5.2	-0.2	-0.2	-0.4	_	_	_	
White Non-Hispanic ^e	23.8	41.7	10.1	-0.5*	-0.6*	-0.9*	=	-	-	
Black	12.6	21.4	6.9	0.2	0.5*	-2.7*	0.2*	0.4*	-2.7	
Asian/Pacific Islander	9.0	15.8	4.0	-1.3*	-1.4	-0.1	-	-	-	
Amer Ind/Alaska Nat ^f	8.5	15.6	3.4	1.5	1.7	4.2	-	-	-	
Hispanic ^e	11.2	19.6	5.1	-0.2	-0.2	-0.4	-	-	_	
U.S. Mortality ^g										
	Rate 2008-2012 Rate per 100,000 persons		Tron	d 2002	2012h					
					d 2003- AAPC (%					
		100,00			AAPC (%					
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)				
	Rate per	100,00	0 persons		AAPC (%)				
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (% Males	Females -0.5*				
RACE/ETHNICITY All Races	Rate per Total	100,00 Males 7.7	0 persons Females 2.2	Total	AAPC (% Males 0.0	Females -0.5* -0.3*				
RACE/ETHNICITY All Races White	Rate per Total 4.4 4.6	7.7 8.1	0 persons Females 2.2 2.2	0.0 0.3*	Males 0.0 0.2*	Females -0.5* -0.3* 0.1				
RACE/ETHNICITY All Races White White Hispanice	Rate per	7.7 8.1 4.1	0 persons Females 2.2 2.2 1.3	Total 0.0 0.3*	AAPC (% Males 0.0 0.2* -0.3	Pemales -0.5* -0.3* 0.1 -0.2*				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Rate per Total 4.4 4.6 2.4 4.8	7.7 8.1 4.1 8.4	0 persons	0.0 0.3* 0.0 0.3*	Males 0.0 0.2* -0.3 0.3*	Pemales -0.5* -0.3* 0.1 -0.2*				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice	Rate per Total 4.4 4.6 2.4 4.8 3.5	7.7 8.1 4.1 8.4 5.3	0 persons Females 2.2 2.2 1.3 2.3 2.5	Total 0.0 0.3* 0.0 0.3* -1.0*	Males 0.0 0.2* -0.3 0.3* -0.8*	Females -0.5* -0.3* 0.1 -0.2* -1.2*				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander	Rate per Total 4.4 4.6 2.4 4.8 3.5	7.7 8.1 4.1 8.4 5.3	0 persons Females 2.2 2.2 1.3 2.3 2.5	Total 0.0 0.3* 0.0 0.3* -1.0*	Males 0.0 0.2* -0.3 0.3* -0.8*	Females -0.5* -0.3* 0.1 -0.2* -1.2*				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat	Rate per Total 4.4 4.6 2.4 4.8 3.5 1.7	7.7 8.1 4.1 8.4 5.3	0 persons Females 2.2 2.2 1.3 2.3 2.5 0.9	Total 0.0 0.3* 0.0 0.3* -1.0*	AAPC (% Males 0.0 0.2* -0.3 0.3* -0.8*	Pemales -0.5* -0.3* 0.1 -0.2* -1.2* -1.6*				
RACE/ETHNICITY All Races White White Hispanice White Non-Hispanice Black Asian/Pacific Islander Amer Ind/Alaska Nat Total U.S.	Rate per Total 4.4 4.6 2.4 4.8 3.5 1.7	7.7 8.1 4.1 8.4 5.3 3.0	0 persons Females 2.2 2.2 1.3 2.3 2.5 0.9	Total 0.0 0.3* 0.0 0.3* -1.0* -1.4	AAPC (% Males 0.0 0.2* -0.3 0.3* -0.8* 0.1	-0.5* -0.3* 0.1 -0.2* -1.6*				

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, b Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

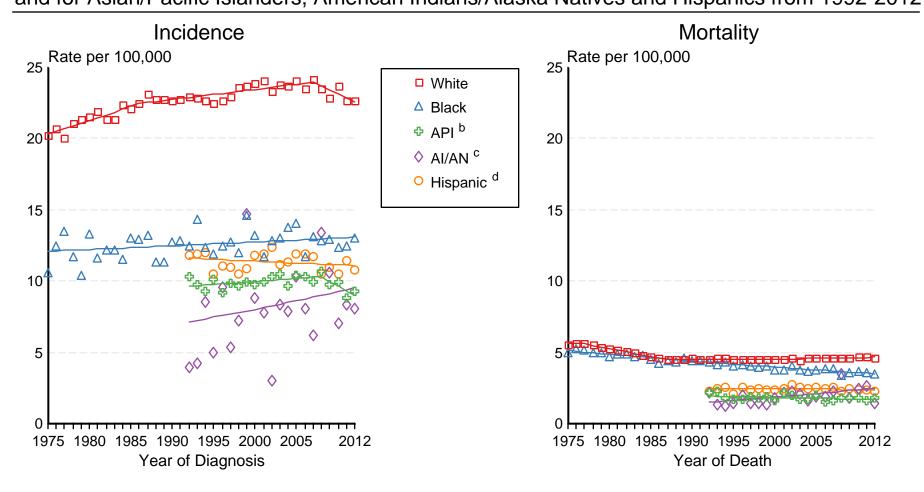
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.
The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over

- diagnosis years 1992-2012.
- The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over d diagnosis years 1975-2012.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 200 Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma. The 2003-2012 Hispanic and
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

The APC is significantly different from zero (p<.05).

SEER Incidence and US Death Rates^a Cancer of the Urinary Bladder, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

b API = Asian/Pacific Islander.

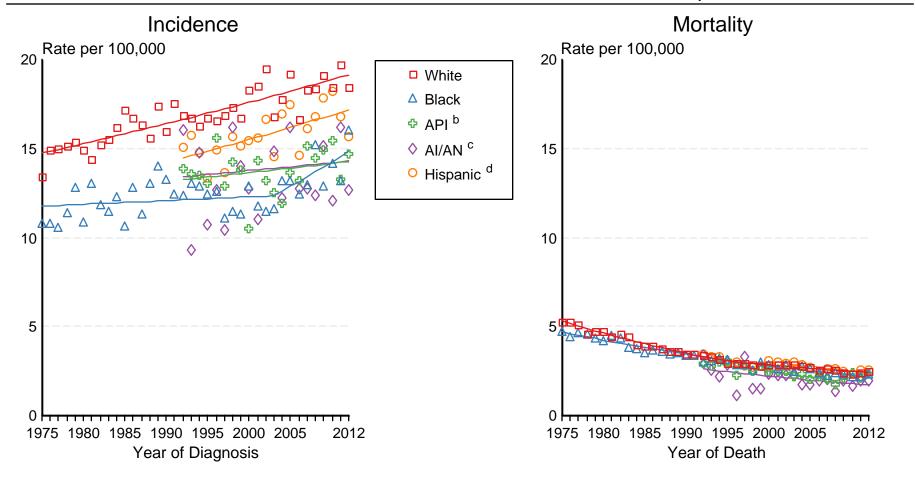
Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

SEER Incidence and US Death Rates^a All Cancer Sites, Ages <20, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

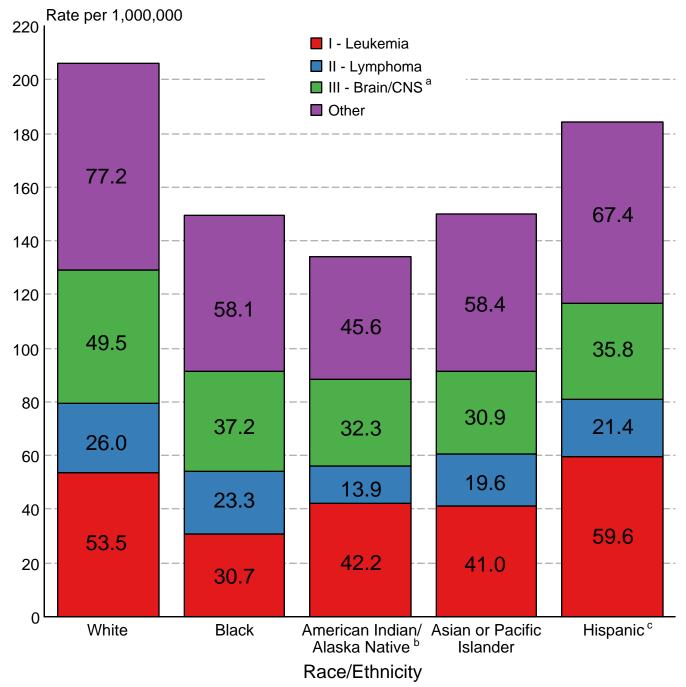
Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Childhood Cancer: SEER Incidence Rates 2008- 2012 by ICCC Group and Race/Ethnicity (includes myelodysplastic syndromes and Group III benign brain) Both Sexes, Under 20 Years of Age



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). Incidence rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

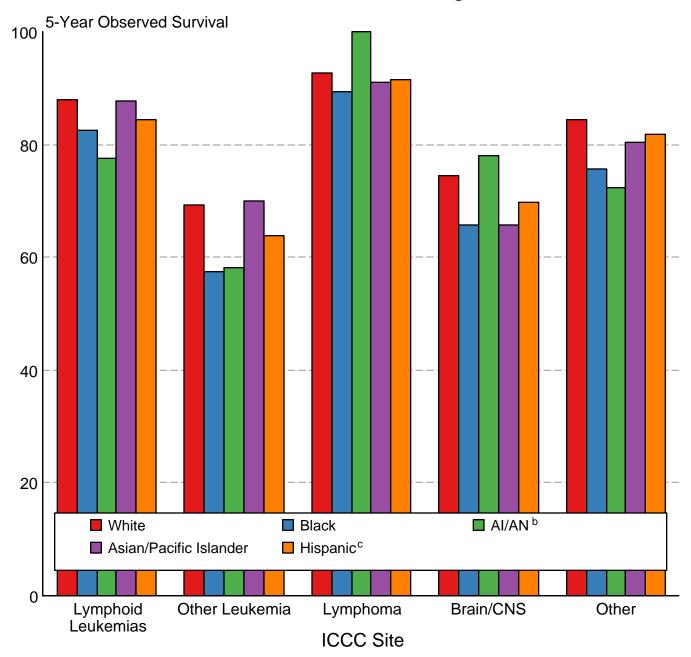
International Classification of Childhood Cancer is based on ICD-O-3. Stellarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005: Vol 103, No. 7, pg 1457-1467.

^a Rate for Group III (Brain/CNS) includes benign brain tumors.

b Incidence rates for American Índian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^c Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Childhood Cancer 5-Year Observed Survival (%) by ICCC Group^a and Race/Ethnicity Both Sexes, Under 20 Years of Age, 2005-2011



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

International Classification of Childhood Cancer is based on ICD-O-3. Stellarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005: Vol 103, No. 7, pg 1457-1467.

- ^a Excludes myelodysplastic sydromes (MDS) and benign brain tumors.
- b American Indian/Alaska Native. Survival data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- ^c Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Survival data for Hispanics are based on NHIA and excludes cases from the Alaska Native Registry.